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1930s

# REPUTATION GARDEN GUIDE



Flower  
Seeds

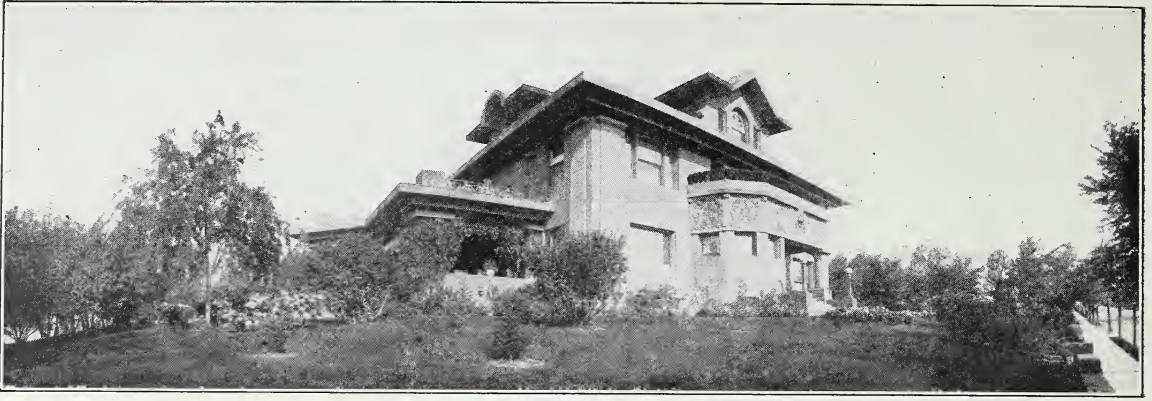
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Garden  
Bulbs

Garden  
Seeds

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Grass  
Seeds

DULUTH FLORAL CO.  
DULUTH, MINNESOTA

Vegetable Seed Trials  
D. N. Shoemaker



# Reputation Lawn Grass Seed

## CULTURAL DIRECTIONS FOR MAKING GOOD LAWNS

We wish to call particular attention to our mixtures of grasses for lawns. No better mixtures can be had, and we get praise on all sides for them. These mixtures are made from our own formula. The ground should be well prepared before sowing seed; this is very important, for good results cannot be obtained on poor ground. In many cases, when a new lawn is made, the ground is in very poor condition, after building the house the builder goes to work to make a nice level grade both at the front of the house and at the back. But what sort of soil does he use to make the grade? Mostly ground that has been dug from out of the basement, consisting of clay, rocks, and other rubbish that is lying around. Now a good lawn cannot be made in this sort of soil, and at least two inches of good soil should be over the top of the poor ground. The next important thing is the kind of grass seed for making the best lawn. Choose a good mixture and good results will be obtained. The reason why a mixture makes the best lawn is that a given area cannot support only so many grass plants of one kind, for they absorb the same food, but if a mixture is used, the same area will support many more plants as different sorts live on various elements in the soil. Most people sow grass too thin—hence poor results. Sow grass thick and roll down tight and keep damp until sprouted. Add some new seed to your lawn every year. When cutting the grass don't cut too short as the sun dries the roots.

**Reputation Special Mixture.** This is far the best mixture of grasses for making a permanent lawn. It is carefully blended to produce thick growth, and velvety appearance so much sought after. **Lb., 50c.**

**Shady Place Mixture.** For sowing under trees, or anywhere in shady places. **Lb., 50c.**

**Kentucky Blue Grass.** One of the best for permanent lawn. **Lb., 65c.**

**Canadian Blue Grass.** A very hardy Blue Grass. **Lb., 55c.**

**Red Top.** Suitable for meadow, also lawn pasture. **Lb., 35c.**

**Timothy.** Is not suited for permanent pasture. **Lb., 20c.**

**English Perennial Rye Grass.** Valuable for permanent pastures. **Lb., 45c.**

**White Clover.** Price on application.

**Alsike Clover.** Price on application.

**Medium Red Clover.** Price on application.



# Cultural Directions for Vegetables and Flowers Suitable for Our Northern Gardens

## ASPARAGUS

It is not difficult to grow Asparagus from seed if a few important directions are followed. Sow the seeds in April or May in rows one foot apart, and keep the plants carefully hoed and free from weeds, and allow them to remain in the seed bed until the following spring, and then transplant into permanent beds thoroughly trenched and heavily manured to a depth of two feet. Plant in rows three feet apart and one foot between each plant. Spread out the roots and cover the crown of the plant six inches deep with good rich soil. Before the winter take out all weeds and cover with a rich dressing of manure, and early in the spring before the growth commences give the bed a good dressing of salt (half a bushel to each rod of ground). When making the seed bed for Asparagus select a spot which is well drained, as water should not stand within three feet of the surface. When the grass turns yellow in the autumn cut down to two inches from the ground. The plants will be ready to cut in three years.

## ENGLISH BROAD BEANS

The soil most suitable for this crop is strong, rich garden soil, with plenty of well-rotted manure dug in. The beans are very hardy and can be planted early with no danger of being damaged by frost. They often succeed in soils that peas and other root crops fail as they take so little out of the soil. Sow in drills  $2\frac{1}{2}$  inches deep and the rows three feet apart placing each bean nine inches apart. If during the hot weather the plants are attacked with black fly, spray with Black Leaf Forty and when about half the flowers are open pinch out the tops. Soak the seeds 36 hours before sowing.

## BEANS DWARF AND RUNNER

If, as very often happens, these beans are sown too soon, a grave mistake is made and time is lost rather than gained, for should a check to the growth caused by cold weather occur, the plants never grow so well afterwards. The result is the crop is lighter and mostly crooked beans. The last week in May or the first week in June is plenty soon enough for first planting, for succession of crop sow again one month later. The seeds should be sown quite nine inches apart in drills and later being 18 inches apart, covering the seed two inches deep. This may seem a waste of ground when the seeds first come up but as the plants grow and fill up it will be found that our method is the best. For extra fine beans sow seeds two inches apart and transplant.

## BEEF

Sow seeds May or June in drills 18 inches apart, sowing the seeds thinly and covering about one inch. A deep rich soil that has been heavily manured the previous season suits them best. Before sowing the seeds cover the ground with coal soot and fork in well. For extra fine Beets transplant in rows 9 inches apart. Cultivate often.

## BRUSSELS SPROUTS

To have these plants do well in our Northern Climate, seeds must be sown early. Sow in boxes indoors in March or April, covering them lightly

with very fine soil. Early in June transplant two feet apart, and the same distance from plant to plant only planting the strongest plants. For cutworms dig in a liberal supply of coal soot and for leaf eating insects use Sure Noxem or Garden Guard Powder. Cultivate often during the dry weather and feed occasionally with Guano.

## CABBAGE

Sow seeds in cold frame in May and transplant into open ground after they have made their third leaf. Plants grown in cold frames are much better than those grown indoors. They are much more sturdy and are not liable to bolt during the hot weather. When possible plant on ground that has been used for onions the previous season and apply a good dressing of coal soot which must be lightly forked into the ground. If plants are backward give a dressing of Nitrate of Soda one ounce to a square yard and use the hoe often.

## CHINESE CABBAGE

A superior sort of cabbage which should be grown much as a late Cabbage. Sow seed in June or July thinly in rows and thin out to 18 inches apart. Do not transplant as the plants do not like to be transplanted. Hill up well and when ready to bleach tie up the tops.

## CARROTS

These do well in deep rich soil. Fresh manure should not be applied to ground for Carrots. Ground heavily manured in the autumn is best for this crop and when the plants are growing well give a dressing of Guano and apply coal soot during showery weather. For extra fine carrots transplant in rows 14 inches apart and one foot between each plant. Cultivate often.

## CELERY

Many people plant Celery in trenches taking out the best of the soil and planting the plants in cold subsoil. To those who have never tried growing celery on the surface we would advise them to try it. Plant in rows making the ground firm and water regularly. Earthing up is often commenced too soon and the plants suffer from want of water as the latter cannot reach the roots. As earthing is only done to blanch the Celery and does not help in any way the growth of the plants let the plants get nearly fully grown before earthing up. Plant in rows 3 feet apart so there will be plenty of ground for hilling up high when blanching time comes.

## CUCUMBERS

As is often the case with Cucumbers, they are planted in a bed and let run wild. The result is lots of small Cucumbers which if wanted for pickling this way of growing is all right, but if Cucumbers are wanted for the table a little cultivation is necessary. Make a bed two feet of well rotted manure and one foot of good loam. Plant Cucumbers three feet apart and let the main stem grow as long as it will. From this main stem come side growths. Let these side shoots grow until they have made two joints from the main stem, then pinch out the tops.

**CULTURAL DIRECTIONS—Continued.****ONIONS**

For extra large Onions seed should be sown early in hot-bed and transplanted one foot apart in rows when the plants are about three inches high. Before planting make the bed black with coal soot and fork in. As the plants grow, feed with Guano.

**PEAS**

Dwarf growing Peas may be sown two feet apart but better results will be obtained if sown four feet apart and other crops grown between. Tall growing Peas should be eight feet apart so as to give light and air on both sides and plant rows of Carrots, Beets, etc., in between and better results will be obtained on the same amount of ground. The rows should be run as nearly north and south as possible. Peas that are sown early should be covered about two inches deep, and those sown later during the hot weather should be covered as much as five inches, especially where the soil is light. Another important thing is brushing Peas, even the dwarf varieties will yield 50% better if brushed with small brush about 18 inches high. Tall peas should be brushed with small brush at first and later use brush about 5 feet high. To get extra fine Peas transplant when about three inches high. Dig in a quantity of coal soot before sowing the seeds. Peas grow better in trenched ground. Dig a trench about 18 inches deep and put in a quantity of decayed cow manure and mix with the soil so as to sustain the moisture, then fill up the trench with good loam and cover the seeds according to time sown as advised above. Cultivate often.

**RADISHES**

A common error in growing Radishes is sowing the seeds too thick, consequently few of the roots

are fit for use except near the outside of the bed. Sow thinly and when the plants are young pull out the weakest to avoid having them in a crowded state. Dig in a quantity of coal soot when preparing the ground. This will help to keep away the maggots.

**SAVOYS**

Savoys are much better flavored if frosted before being used. Sow seed in April and May and treat the same as Cabbage.

**SPINACH**

This crop can be grown between rows of Peas in rich soil. Thin out the plants to 6 inches apart.

**TOMATOES**

Tomatoes generally are grown much like Cucumbers. The plants are put in and let run wild without any cultivation whatsoever. If we have an average summer every plant may be treated so as to mature 4 to 6 lbs. of ripe fruit before the middle of September. Sow seeds early and transplant into pots when large enough. Give plenty of light so as to make strong bushy plants. As soon as the weather permits transplant into a sunny position sheltered from strong winds. Make the ground firm and stake the plants with sticks four feet above the level of the ground and strong enough to hold up both plant and fruit. Only one stem should be allowed to grow (the main stem). Pinch out all side shoots as they appear, leaving only the flowers. The plants will grow strong and sturdy and should be tied up to the stake as they grow so that the wind will not break the plants. About the middle of August pinch out the tops of every plant above the cluster of recently formed fruit. It is useless to retain any after this date as they will not mature. If the plants are long and weak, bury them deeply, leaving about 3 inches above the ground.

## Culture Directions For Flowers Suitable for Northern Gardens

**ACONITUM (Monkshood)**

Beautiful hardy perennial, much like Larkspur. Will grow in any garden soil and will even do well under trees. Sow seed in June or July and leave in the seed bed until the following spring. Height four to five feet. Color light blue, shaded white, good strong grower and makes a useful cut flower. The roots are deadly poison and have at times been taken for horse radish and fatalities have occurred through the mistake.

**ACHILLEA (Yarrow)**

A very hardy and most useful perennial for cutting. Its clusters of snow white flowers make a wonderful show in the garden. Height two to three feet. Sow seed June or July and transplant to border in spring. Use four or five plants to make a clump.

**ACROCLINUM**

Half hardy annual which may be cut and dried as straw flowers. Sow seed in open ground in May or in hotbed in April and transplant in June. Light sandy soil.

**AGROTIS (Cloud Grass)**

A native of Spain. A very fine ornamental grass for perennial border. Sow seed June or July and transplant when large enough to handle.

**AGROSTEMMIA (Rose Champion)**

A very hardy perennial, which will bloom the first year from seed if sown early. Crimson and pink varieties, when transplanting use four or five plants to make a clump. Height one to three feet.

**AGERATUM**

A very beautiful blue border plant which flowers all the time during the summer. They come true from seed and there is also a white variety. Sow seed in hotbed in April and transplant to border when all danger of frost is over. Height 6 to 12 inches.

**ALONSOA**

A very fine plant with scarlet flowers. Sow seed indoors March or April in good rich soil. It grows about twelve inches high and makes a fine border plant. When making a red, white



## CULTURAL DIRECTIONS—Continued.

and blue border use Alonsoa for red, Alyssum for white and Ageratum for blue.

## ALYSSUM

A very beautiful white border plant generally treated as an annual. Sow seed in hotbed in April and transplant to border after all danger of frost is over, common soil.

Alyssum Saxatile is a very hardy perennial, color beautiful golden yellow and is used for borders or rockwork. It flowers early in spring and continues all summer. Sow seed June or July and transplant following spring.

## ALOYSIA

Lemon scented verbenia usually grown as a house plant and noted for its wonderful perfume. Sow seed March or April and transplant into pots when large enough. Good rich soil, can be grown from cuttings.

## AMARANTHUS

Half hardy annuals. Sow seed in open ground in May and transplant in rows, grows four to five feet high covered with drooping crimson flowers in early fall. Good soil.

## AMPELOPSIS

A very hardy climber that will grow in almost any position. Sow seed in hotbed in April and transplant when large enough. One of the most vigorous growing climbers in cultivation. Common soil.

## ANCHUSA ITALICA

A very graceful hardy perennial growing four feet high and bearing a mass of blue flowers during the early spring. Sow seed June or July and transplant to border the following spring. Good soil.

## ANEMONE

Very hardy and beautiful perennials, many of them used for rockery. The best garden variety is St. Brigid which has enormous blooms the size of tulips with a great variety of colors which bloom early in the spring. Sow seed in a shady position June or July and transplant following spring. Cover during Winter.

## ANTHEMIS

A very hardy perennial with pyrethrum like foliage. Grows two feet high and is covered with a mass of golden yellow daisies which are very useful for cutting. Sow seed outdoors June or July and transplant when large enough. Common soil.

## AQUILEGIA (Columbine)

A very popular perennial of easy cultivation. Blooms from May to August and is very showy in the garden. Unlike most other perennials the best varieties come from seed. The long spurred varieties come in many beautiful colors. Height one to two feet. Sow seed June and July and transplant the following spring.

## ANTIRRHINUM (Snapdragon)

A greenhouse perennial though treated as an annual. The varieties are endless though the popular varieties are the Major and the Nana. They come true from seed and in many beautiful

shades. Sow seed in hotbed in April and transplant into beds after all danger of frost is over.

## ARABIS

A very hardy perennial trailing plant mostly used for rock work and borders. A beautiful white foliated plant covered with a mass of pure white flowers completely covering the plant. Sow seed June or July and transplant following spring. Common soil.

## ARCTOTIS

A half hardy annual. A very handsome white Marguerite Daisy with a light blue center. Large flowers useful for cutting. Sow seeds in open ground in May. Good soil.

## ASPARAGUS

Asparagus plumosa is a house plant with fine graceful foliage almost like a fern. Sow seed in spring indoors and transplant into pots. Asparagus Springerii is used mostly for hanging baskets because of its trailing habit. Culture same as above.

## ASTER

The Aster is so well known that there is no need of description. Sow seed in April in gentle hotbed and transplant into open ground as soon as all danger of frost is over. Good soil well enriched with decayed manure also a liberal supply of coal soot should be well forked in before planting. Asters are subject to a disease which cause the young plants to die off suddenly. There is no cure for this but to dig up the sickly plants and replant from a reserve stock. Spraying with Bordeaux while the plants are young will help to prevent the disease. Green fly will attack the plants during a dry season, to prevent this spray with black leaf 40.

The perennial Aster is very hardy and should be in every garden. Good in masses with shrubs or in the perennial border. Flowers are blue and daisy like and are produced in great quantities. Sow seed June or July and transplant when large enough. Height 4 feet.

## ASTILBE

A very hardy perennial better known as Spirea. It grows five to six feet high, dark green foliage, with feathery plumes of deep rose violet flowers on long stems during June and July. Sow seeds in June and transplant following spring.

## AURICULA

A beautiful perennial border plant very often called the bunched primrose. There is a wonderful array of colors in these alpine plants that are seldom seen in any other plant. Sow seed in June or July and transplant following spring. Cover during the winter.

## BALSAM

A half hardy annual, an old favorite in the flower garden producing masses of double flowers in many colors. Sow seed in hotbed about April and transplant into open when all danger of frost is over. The Balsams require a good rich loam with plenty of well decayed manure.

**CULTURAL DIRECTIONS—Continued.****BELLIS PERENNIS**

Although the English daisy is perennial in some parts of the United States it will not stand our winter in the north, therefore we have to treat them as annuals sowing the seed early indoors and transplanting into a hotbed about April and after all danger of frost is over transplant into the open ground.

**B OCCONIA**

A very hardy perennial. Tropical in effect with handsome green foliage, cream colored flowers on terminal spikes. Good among shrubs and perennial border, flowers in August, six feet high. Sow seeds June or July and transplant following spring.

**BRACHCOMBE**

Half hardy annuals. Flowers blue and white daisy-like. Very pretty blooms all summer. Sow seed in hotbed in April or in the open ground in May.

**BROWALLIA**

Annual. A very free blooming bedding plant, blue and white flowers in great profusion, does well in good rich soil. Sow seeds in hotbed in April and transplant to open ground when all danger of frost is over.

**CALENDULA**

Hardy annual. Very showy and free flowering. Grows in any good garden soil. Sow seeds in cold frame in April or in the open ground in May and transplant one foot apart. Very useful for cutting.

**CALLIOPSIS**

Half hardy annual. Very free flowering, will do well in any sunny position in common garden soil. By keeping the flowers cut they will continue to bloom until late in the fall. Sow seed in the open ground May or June.

**CANDYTUFT**

Hardy annual. Easily grown from seed and does not need transplanting. It comes in many beautiful shades: white, carmine, crimson, rose, cardinal, etc. Sow seed outdoors in May or June covering about  $\frac{1}{4}$  of an inch.

**CALLA LILLY**

House Plant. Sow seeds in flats and transplant to 3 inch pots in rich sandy loam. Will do well outdoors in the summer being taken indoors in the fall.

**CANTERBURY BELLS  
CAMPANULA**

Hardy biennial. Will bloom the second year from seed. There are a number of varieties all of which are beautiful in the perennial border. The Cup and Saucer are the varieties that are grown the most.

Campanula Pryamidalis makes a fine background with larkspur growing five to six feet high making grand pyramids of bloom. Color, white and blue flowering early in the Autumn. Sow seeds June or July and transplant following spring.

Campanula Carpatica sometimes called Bluebell

makes a wonderful border plant forming neat compact tufts. Very constant bloomer. Height, nine inches. Sow some NEW seed every year to keep new plants coming.

**CACALIA**

Half hardy annual of easy culture with tassel-like flowers. Sow seed in hotbed in April and transplant outdoors when all danger of frost is past.

**CANNA**

Bulbous perennial. The most showy plant we have for the flower garden. In regard to hardiness it will compare with Dahlias and the bulbs should be taken up in the fall and stored for the winter. Bulbs started indoors in March will bloom early. Sow seed indoors February or March and keep in a gentle heat. The seeds of the cannas are very hard and should be soaked in luke warm water for thirty-six hours before sowing, some people nick them with a knife or file. Colors chiefly red and yellow. Good soil.

**CARNATION**

Annual. Sow seed in hotbed March or April and transplant to open ground when all danger of frost is over.

Perennial. Sow seed June and transplant to open ground following spring. Cover during the winter.

**CELOSIA**

All the varieties are worth cultivation. Sow seed in hotbed in April and transplant outdoors when all danger of frost is past.

**CARDINAL CLIMBER**

Annual Climber. Large scarlet flowers in great profusion. Sow seed in hotbed in April and transplant into open ground when all danger of frost is past. Or sow outdoors in May or June.

**CHINESE WOOLFLOWER**

Culture same as Celosia.

**CANARY BIRD VINE**

A rapid annual climber. Sow seed outdoors May or June in sunny position, good soil.

**CENTAUREA**

Sow seed outdoors in May or June. For the white leaved varieties sow seed in hotbed in April and transplant outdoors after all danger of frost is over. Common soil.

**CLARKIA**

Sow seed in May in border or where they are to remain. Very pretty and blooms freely. Common soil.

**CHRYSANTHEMUM**

The annuals are very easy to grow and make a fine cut flower, beautiful single yellow daisy-like flowers on long stems. Sow seed in May in open ground where they are to remain.

For the perennials sow seed in June or July and transplant to border when large enough. Common soil.

**CHELONE**

Hardy perennial. Color light scarlet, growing about two feet high and bearing numerous



**CULTURAL DIRECTIONS—Continued**

spikes of large flower heads during the summer and fall. Sow seed June or July and transplant to border following spring. Common soil.

**COBEA**

Half hardy climber. Beautiful dark green foliage. Bearing on graceful stems large bell-shaped flowers, green at first but rapidly changing to deep blue. Sow seed in hotbed in April and transplant outdoors when all danger of frost is over. Good soil.

**COIX**

Ornamental grass. The seeds of which are used as an old fashioned remedy for sore throat, goiter and teething babies. They are strung on a linen thread and worn around the neck as a charm. Sow seed in hotbed and transplant into open ground when all danger of frost is over. Common soil.

**COLEUS**

Beautiful colored foliage plant. Sow seed in hotbed in April and transplant into open ground when all danger of frost is over. Warm sunny position and sandy loam.

**COSMOS**

Sow out doors in May or in hotbed in April and transplant one foot apart. Flowers from August until frost.

**CONVOLVULUS**

Annual climber. Very rapid growing, will thrive in almost any sunny position. Sow seed outdoors in May. Common soil.

**COREOPSIS**

Very beautiful hardy perennial, useful as a cut flower. Large yellow daisy-like flowers with thin wiry stems. Will flower the first season if sown early. Sow seed in hotbed in April if flower is wanted the first season, or outdoors in June or July and transplant the following spring.

**CYPRESS VINE**

Annual climber. Scarlet and white flowers with lacy foliage. Very showy. Sow seed outdoors in May and transplant when large enough. Sunny position, common soil.

**DAHLIAS GROWN FROM SEED**

But few people know Dahlias can be raised from seed and will bloom the first year. The seeds germinate easily and from the very first are strong and sturdy little plants. Plant them in a shallow box or pan early in March or April, transplant them carefully as their growth demands, and keep the soil moderately moist. When all danger from frost is over, plant them in the bed or border in the garden, and from then on they will prove no more trouble than if the tubers had been used instead of seed.

**DELPHINIUM**

Hardy perennial. Very stately border plant with large flower-like spikes growing 4 to 5 feet high with a fine range of colors. The most popular being the blue varieties. Sow seed June or

July and transplant to border following spring. Common soil.

**DIGITALIS**

Biennial, bearing long spikes of beautiful colored flowers, fine for planting in hardy borders. Sow seed in hot bed in April or out doors in July. Cover during the winter. Good soil.

**DIANTHUS (Pinks)**

There are two classes of pinks (perennial and annual). The annual varieties should be sown out doors in May and the perennial varieties in June or July.

Dianthus Allwoodi, a new perennial carnation, is an important addition to the Dianthus family. They are perfectly hardy and flower continuously from early spring to late autumn. The flowers are much larger than the old type of pinks and are borne on long stems and are very useful for cutting.

**DOLICHOS**

Annual Climber. Blooms freely in clusters followed with ornamental seed pods. Sow seed in hotbed in April or May and transplant into open garden when all danger of frost is past. Good soil.

**DIMORPHOTHECA**

Very showy annual, bearing small yellow daisy-like flowers in great profusion all summer. Sow seed in hotbed in April and transplant into open ground after all danger of frost is past. Good soil.

**DRACENA**

Perennial, but needs greenhouse protection during the winter. Long beautiful green leaves, used for hanging baskets and tubs. Sow seed indoors in February and transplant to three inch pots and later into baskets. Good soil.

**ERYNGIUM**

Hardy perennial, blue stems and flowers. Fine for drying like strawflowers. Sow seed June or July and transplant the following spring. Cover during winter. Good soil.

**ECHINOPS RITO**

Hardy perennial. Large blue globe-shaped thistle, will dry like strawflowers and makes a good decoration during the winter. Sow seed June or July and transplant following spring. Common soil.

**ESCHSCHOLTZIA**

Bright and showy annual with yellow flowers much like poppies. Sow in the open border about May and leave where sown. After once introduced they will generally sow themselves. Very free flowering, common soil.

**EUPATORIUM**

Hardy perennial. Large trusses of small white flowers much like baby's breath. Blooms August

**CULTURAL DIRECTIONS—Continued.**

and September. Sow seed June or July and transplant to border following spring. Good soil.

**EULALIA**

Hardy perennial. Striped ribbon grass which looks well in the perennial border. Sow seed June or July and transplant following spring. Common soil.

**GAILLARDIA (Blanket Flower)**

Very beautiful daisy-like flowers yellow and brown with long stems which makes them useful for table decorations. There are both annual and perennial varieties. The annuals should be sown in a hotbed in April and transplanted outdoors after frost is gone. The perennials should be sown outdoors in June or July and transplanted the following spring. Common soil.

**GALEGA**

A hardy perennial very useful as a cut flower. Sow seed outdoors in June or July and transplant the following spring.

**GERANIUM**

Sow seed indoors February or March and transplant to 3-inch pots when large enough. Good soil.

**GEUM**

Hardy perennial. Beautiful scarlet and yellow flowers, double; very showy, growing two feet high. Very useful for cutting. Sow seed June or July and transplant following spring. Needs covering during the winter. Good soil.

**GODETIA**

Hardy Annual. Very attractive, should be in every garden. Does best in a cool climate. The plants bloom profusely and bear showy flowers, much like an Azalea. Will do well in poor soil. Sow seed in gentle hotbed in April or outdoors in May and transplant two feet apart.

**GOMPHRENA**

Annual. A very pretty straw flower which can be dried for winter use. The flower resembles a clover head. Color red and white. Sow seed in hotbed in April and transplant outdoors after all danger of frost is over. Sow outdoors in May and transplant or thin out. Good soil.

**GYPSOPHILLA**

Hardy perennial. Very useful for cutting and mixing with sweet peas and other flowers. Sow seed June or July and transplant into open ground

following spring. Very useful for winter decoration when dried. Very hardy. Common soil.

Annual varieties. Sow seed in the open ground in May where they are to remain. The annuals will not dry for winter use.

**GOURDS**

Annual. Rapid growing climber with ornamental foliage and singular shaped fruits. Cultivation much the same as cucumbers.

**HELICHRYSUM**

Annual. This is one of the largest and best of the strawflowers, large double flowers, when dried will last all winter. Cut before the flower shows open center and hang downwards until dry. Sow seed in hotbed in April and transplant outdoors after all danger of frost is past. Common soil.

**HELIOTROPE**

Very fragrant. Used for baskets or garden. Sow seed indoors early in spring and transplant into 3-inch pots when large enough. Sandy loam.

**HEUCHERA**

Hardy perennial. Beautiful coral red. Flowers in panicles. Sow seed June or July and transplant following spring. Common soil.

**HUNNEMANNIA**

Half hardy perennial, would have to be protected during the winter. It is a native of Mexico and is very often called the yellow Tulip Poppy. Sow seed outdoors in May. Does not need transplanting. Flowers in profusion.

**HELENIUM**

Hardy perennial. Beautiful golden yellow flowers with black center borne on long thin stems. Fine cut flower. Sow seed June or July and transplant to border following spring. Common soil.

**HOLLYHOCK—BIENNIAL**

Hardy Biennial. So well known that no description is necessary. Sow seed June or July and transplant following spring. Common soil. Sow some new seed every year to keep young plants coming.

**HUMULUS**

Hardy perennial climbers. Very quick growing; used for covering unsightly places, old trees, etc. Sow seed in spring and transplant when large enough. Common soil.

**IBERIS**

Perennial Candytuft. Very hardy lilac candytuft forming dense masses of lilac flowers. Fine for borders or rockwork. Sow seed June or July and transplant following spring. Common soil.



## CULTURAL DIRECTIONS—Continued.

**IPOMEA**

Annual climbers. Very quick growing climbers. Sow seed in spring in an open sunny position. Does not need transplanting. Common soil.

**IRIS**

Hardy perennials. A beautiful spring flowering plant in many colors. They need a rich loamy soil and a sunny position. Sow seed early in spring.

**KOCHIA**

Hardy annual. Makes a large green bush for pots or the open garden. The foliage of the dying plant turns red in the autumn. Sow seed in spring and transplant two feet apart. Common soil.

**LANTANA**

Greenhouse perennial. Used for hanging baskets; flowers lavender, purple and rose. Sow early in spring in hotbed and transplant when large enough. Good soil.

**LATHYRUS**

Hardy perennial. Very beautiful pink sweet pea. Good for covering old stumps, trees, etc. Sow seed June or July and transplant following spring. Common soil.

**LAVATERA**

Hardy annual. A beautiful showy annual. Deep pink and white flowers. Sow seed early in spring and transplant two feet apart. Good soil.

**LARKSPUR**

Annual. Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Sow seed in spring and transplant one foot apart. Common soil.

**LILY OF THE VALLEY**

Grows well in a shady position, under a north wall being the best. A compost of light sandy soil and rotten leaves seem to suit them best. Sow seed early in the spring covering about ½ inch. Also from roots planted in spring.

**LINIUM**

Annual. Erect growing plants with showy flowers which open in the sunshine. Needs a sunny position and will bloom throughout the summer. Sow seed early in spring and thin out to six inches apart. Common soil.

**LOBELIA**

For the annual varieties sow seed in hotbed in April and transplant to border in June. Perennials, sow seed in June or July and transplant following spring. Annuals are used as a border plant. Color blue and white.

**LUPINS**

The Lupins are classed as being the most beautiful flowers in the perennial border. A Lupin border once seen will never be forgotten. For perennials sow seed June or July and transplant eighteen inches apart. Annuals sow seed April or May and transplant July.

**LYCHNIS**

Hardy perennial. Will bloom the first year from seed if sown early. Needs a little protection

during the winter. Of very easy culture and makes a good show in the garden. Sow seed in June or July and transplant to border following spring. Three feet high.

**MATRICARIA**

Perennials in mild climate. In our latitude they are treated as annuals. Sow seed in hotbed in April and transplant when all danger of frost is over.

**MATTHOLIA**

Annual. Very fragrant especially in the evening, like all other stock it is very free flowering. Flowers dull purplish lilac. Sow seed in hotbed in spring and transplant when all danger of frost is over.

**MARIGOLD**

A very old fashioned flower, will be found in almost every garden. Sow seeds in spring and transplant one foot apart.

**MIRABILIS**

Annual. A great favorite and an old fashioned plant of bushy growth. The flowers, which are produced in clusters, open in the afternoon and wither the next morning. Sow seed in hotbed in spring and transplant to open ground about June.

**MIGNONETTE**

A very well known annual which needs no description. Sow seed in open ground in May and thin out to nine inches apart. Soil light loam well manured.

**MYOSOTIS**

Hardy perennial, used for borders. Sow seed early in spring and transplant to border following spring. Roots can be divided in the fall. Common soil. Will do in a shady position.

**NEMESIA**

Nemesia is one of the few half-dwarf annuals that will do better in the north than in the south. A shady position does not mean under trees where there is no nurture in the soil, but a northern exposure. The original color of the Nemesia was blue, but now almost every color is represented, all shades of scarlet, orange, pink, white, yellow and crimson. They grow about fifteen inches high and are fine for bedding or border. Sow seeds in May in shady place as it is essential to give cool treatment. Transplant to beds or border when about three inches high.

**NEMOPHILA**

A very attractive annual of easy culture. Comes in many bright colors and should be planted in masses. Sow seed outdoors in May in light, rich soil in a shady position.

**NICOTIANA**

Annual. Sow seed in hotbed and transplant into open as soon as all danger of frost is over.

**NIGELLA**

Annual. Much like the cornflower, light blue in color. Sow seed outdoors in May where it is to remain. Common soil.

**OENOTHERA**

Annual. Golden yellow. Should be grown in full sunshine. Sow seed in hotbed early in spring

## CULTURAL DIRECTIONS—Continued.

and transplant when all danger of frost is over. Common soil.

**PENTSTEMON**

Hardy perennial. A good border plant with showy panicles of flowers on erect stems. Sow seed in June or July and transplant following spring. Height 2 to 3 feet. Common soil.

**PANSIES**

Sow seed in hotbed in April, covering about  $\frac{1}{4}$  inch in light sandy loam, and transplant to open ground early in June.

**PETUNIA**

Beautiful showy border plant. For gorgeous colors the petunia has few rivals for window boxes, hanging baskets and flower beds. The plants are a mass of bloom the greater part of the summer. Sow seed in hotbed in very fine soil covering about one-eighth of an inch, and transplant to border when all danger of frost is over.

**PHLOX**

Annual and perennial. The annual phlox is used for bedding. The colors range from pure white to richest crimson, and from soft rose and salmon to bright coral red. Sow seed in hotbed in April and transplant to open border when all danger of frost is over. Common soil.

Hardy perennial. For the perennial border there is nothing finer than phlox. There is a wide range of colors and they are very hardy. If the first spikes of bloom are cut as soon as they are over and the plants given a good watering they will produce a second supply of flowers. Sow seed in June or July and transplant following spring.

**POLEMONIUM COERULEUM**

Hardy perennial. A good plant for the perennial border with clusters of bell-shaped flowers and handsome divided foliage, color deep purple. Height  $1\frac{1}{2}$  feet. Sow seed in June or July and transplant following spring.

**PHYSALIS—JAP. LANTERN**

Hardy perennial. An interesting plant grown for its fruit, which, when ripe, is glowing red. It is fine in a perennial border. Sow seed June or July and transplant following spring.

**PHYSOSTEGIA**

A very beautiful midsummer flowering perennial forming dense bushes about 4 to 6 feet high, will grow in any garden soil. Sow seed in hotbed in April and they will bloom the first year. Or in June outdoors.

**POPPIES**

Annual poppies should be sown early in spring where they are to remain as they will not stand transplanting.

Hardy perennials. Sow seed June or July and transplant to border following spring. Colors, red and pink. Common soil.

**PORTULACA**

Annual. Very often called the moss rose. Sow seed in open ground in May. They need a sunny position and good rich soil. Very pretty and a good range of colors.

**PHACELIA**

Very hardy annual, pretty blue flowers. Sow seed in gentle hotbed in April or outdoors in May and transplant to border. Good soil.

**PRIMROSE**

Very hardy small yellow flowers. Blooms early in the spring. Sow seed early in spring and transplant to border. Height, 6 inches. Common soil.

**PYRETHRUM—PINK DAISY**

Hardy perennial. One of our most beautiful perennials, being very hardy and flowering early in June when there are very few flowers about. Sow seed in June or July and transplant following spring. Very pretty colors, double and single varieties. Height, 2 feet. Common soil.

**RODANTHE**

Annual. A very pretty strawflower, fine for drying for winter use. A good variety of colors. Sow seed early in spring and transplant one foot apart. Sandy loam.

**RICINUS**

Annual. Very often called Castor Oil Bean. Very large and ornamental foliage covered with clusters of red berries during the fall. Height 4 feet. Sow seed in spring and transplant 4 feet apart. Common soil.

**ROMNEYA**

California Tree Poppy. Needs a warm sheltered situation. A somewhat shrubby plant with large white flowers which remain open for many days. Sow seed early in spring in good soil.

**RUDBECKA**

Hardy yellow flowered perennials from North America. Sometimes called Cone Flower. Two to three feet high. Common soil and needs covering during the winter. Sow seed in June and transplant.

**SALVIA**

Perennial although treated as an annual in the north. Foliage rich green with bright scarlet flowers. Sow seed in hotbed in April and transplant outdoors when all danger of frost is past. Height 2 to 3 feet. Good soil.

**SALPIGLOSSIS**

Annual. Sometimes called the velvet flower. Flowers are very vividly marked, spotted and striped on ground colors of deep blue, rose, violet, reddish brown, bronze, etc. Sow seed outdoors in May and transplant one foot apart. Good soil.

**STATICE**

Hardy perennial. Very often called sea lavender. Used when dry for winter bouquets. Sow seed in June and transplant to open border following spring. Common soil.

**SCABIOSA**

Annual. A very pretty flower of easy culture, fine for table decoration. A great variety of colored flowers on long thin stems. Very useful



## CULTURAL DIRECTIONS—Continued.

for table decorations and lasting a long time when cut. Sow seed outdoors in May and transplant one foot apart. Common soil.

Perennial. Very handsome; should be found in every perennial border. Two feet high. Sow seed June or July and transplant to border following spring.

**SCHIZANTHUS**

Annual. Very often called the poor man's orchid. Makes a fine cut flower and comes in many beautiful colors. Sow seed in hotbed in April and transplant to open ground when all danger of frost is past.

**STOKESIA**

Hardy perennial. A very handsome plant bearing freely from early June to September. Lavender, blue and white cornflower-like blossoms which measure 4 to 5 inches across. Needs an open sunny position. Sow seed in June or July and transplant following spring.

**STOCKS**

Annual. Very popular. Used for bedding. Require much the same treatment as Asters. A great variety of colors. Very often stocks and asters are sown together and separated when transplanted.

**SWEET WILLIAM**

A very old fashioned garden flower. For annuals sow seed early in spring and transplant one foot apart.

Perennials. Sow seed in June or July and transplant to border following spring. Very hardy.

**TAGETES**

A very beautiful small marigold. Makes a wonderful border plant. Foliage like a delicate fern and is covered all summer with a mass of small yellow flowers. Sow seed in hotbed in April and transplant to border when all danger of frost is over.

**TRITOMA**

Hardy perennial. Few plants are capable of

making a more gorgeous display during the summer and autumn. Some of them commence to bloom early and others remain until late. Commonly known as Red Hot Poker. Sow seeds June or July and transplant following spring.

**THUNBERGIA**

Rapid growing annual climber, will do well in any sunny position. Sow seed early in spring and transplant when large enough.

**VERBENIA**

A greenhouse perennial although treated as an annual. Sow seed in hotbed in April and transplant into the open ground when all danger of frost is past. Makes a fine bedding plant. A large range of colors.

**VIOLA—TUFTED PANSIES**

Culture same as pansies.

**WALLFLOWER**

Found in all old fashioned English gardens. For annuals, sow seed in hotbed in April and transplant when all danger of frost is past. Common soil.

**WILD CUCUMBER**

Annual. A very rapid growing climber used for covering old stumps, unsightly fences, etc. Sow seed in hotbed and transplant after frost is past. Soak seed for 36 hours before sowing.

**XERANTHEMUM**

Annual. A very pretty everlasting flower used for bouquets and baskets in winter when dried. A good range of colors. Sow seed early in spring and transplant or thin out. Common soil.

**ZINNIA**

Annual. A great favorite. Brilliant and showy. Makes a good show when massed in border and can be grown as a cut flower. They flower from early summer until frost and come in a great variety of colors. Sow seed in hotbed in April and transplant outdoors when all danger of frost is over. Common soil.

# REPUTATION SPENCER SWEET PEAS

All 10c pkgs. 3 for 25c. All 15c pkgs. 3 for 40c.

There are so many varieties of Sweet Peas that it is impossible for us to list them all, so we confine ourselves to a few of the very best. Our seed is especially grown for us and our long experience with Sweet Peas gives us an advantage in selecting the best varieties. Much depends on the ground in the culture of Sweet Peas and if the soil is not well prepared, good large Sweet Peas cannot be grown, even though the best of seed be sown. A trench 2 to 4 ft. deep should be dug and filled with two feet of cow manure and the other two feet of nice loam. If this can be done in the fall so much the better, if not, as early in the spring as possible. Then when it is time for

seeding take out a small trench about 6 inches deep, sow the seed and cover about 2 inches; then as the plants grow fill up the trench. Sweet Peas must have depth of soil so the roots can go straight down and they get the cow manure about the same time they need feeding to make the nice long-stemmed peas. Unless the ground is dug deep nothing but short-stemmed peas can be obtained. Soak the seed 36 hours before sowing with just enough water that the seeds will absorb in that time and add a pinch of salt. This has been found by experts to increase the crop three-fold, especially if the ground is dry.

During dry weather they should be watered

# REPUTATION SPENCER SWEET PEAS

Continued

All 10c pkgs. 3 for 25c. All 15c pkgs. 3 for 40c.

thoroughly and frequently, and given an application of liquid manure once a week. A mulch of hay or rakings from the lawn will be found beneficial during hot weather. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing to bloom. Cultivate with hoe frequently and after every rain.

- Alexandria Malcolm. Scarlet cerise. Pkt., 10c; oz., 50c.
- America. Red flake, on white ground. Pkt., 10c; oz., 35c.
- Annie Ireland. Pure white, edged terra cotta pink. Pkt., 10c; oz., 50c.
- Apple Blossom. Rose edged pink. Pkt., 10c; oz., 35c.
- Aurora. Cream white, flaked orange salmon. Pkt., 10c; oz., 35c.
- Austin Fredrick Improved. Giant Lavender. Pkt., 10c; oz., 50c.
- Barbara. A beautiful soft salmon. Pkt., 10c; oz., 35c.
- Bunty. Salmon rose. Pkt., 10c; oz., 50c.
- Captain of the Blues. Standard purple, wings blue. Pkt., 10c; oz., 35c.
- Charity. Deep rich crimson. Pkt., 10c; oz., 50c.
- Colne Valley. Bluish lavender. Pkt., 10c; oz., 50c.
- Commander Godsall. Deep violet blue. Pkt., 10c; oz., 50c.
- Countess Spencer. Fine rose pink. Pkt., 10c; oz., 35c.
- Crimson King. Rich, oxblood crimson. Pkt., 15c; oz., 75c.
- Daffodil. Large deep primrose. Pkt., 10c.
- Daisybud. Rose on white ground. Pkt., 10c; oz., 50c.
- Doris. Large pale salmon cerise. Pkt., 10c; oz., 35c.
- Edith Cavell. Rose pink on cream ground. Pkt., 10c; oz., 50c.
- Edna May Improved. Large pure white. Pkt., 10c; oz., 50c.
- Edward Cowdy. Orange scarlet. Pkt., 10c; oz., 50c.
- Elfrida Pearson. Shell pink. Pkt., 10c; oz., 50c.
- Elegance. Blush lilac suffused pink. Pkt., 10c; oz., 50c.
- Else Herbert. White, edged pale rose. Pkt., 10c; oz., 35c.
- Etta Dyke. Pure white. Pkt., 10c; oz., 35c.
- Fiery Cross. Salmon orange. Pkt., 10c; oz., 35c.
- Florence Nightingale. Bluish lavender. Pkt., 10c; oz., 35c.
- George Herbert. Rosy carmine. Pkt., 10c; oz., 35c.
- George Shawyer. Giant salmon rose. Pkt., 10c; oz., 50c.
- Giant Attraction. Fawn pink, on cream ground. Pkt., 10c; oz., 35c.
- Gladys. Lilac self, no trace of rose. Pkt., 10c; oz., 35c.
- Glory. Glowing salmon cerise. Pkt., 10c; oz., 50c.
- Golden Glory. Glowing orange. Pkt., 10c; oz., 50c.
- Hawlmarm Cerise. Bright salmon cerise. Pkt., 15c; oz., 75c.
- Hawlmarm Lavender. Giant lavender. Pkt., 10c; oz., 50c.
- Hawlmarm Maroon. Deep rich maroon. Pkt., 10c; oz., 50c.
- Hawlmarm Pink. Rose pink. Pkt., 10c; oz., 50c.
- Hawlmarm Scarlet. Fine scarlet. Pkt., 10c; oz., 50c.
- Hebe. Giant rosy pink. Pkt., 10c; oz., 35c.
- Helen Lewis. Standard orange, wings salmon. Pkt., 10c; oz., 35c.
- Hercules. Mammoth rosy pink. Pkt., 10c; oz., 35c.
- Illuminator. Salmon orange, overlaid cerise pink. Pkt., 10c; oz., 35c.
- Jack Cornwall V. C. Color deep blue. Pkt., 10c; oz., 35c.
- Jean Ireland. Creamy buff standards, margined carmine rose. Pkt., 10c; oz., 35c.
- King Manoel. Giant Maroon. Pkt., 10c; oz., 35c.
- King Mauve. One of the finest of its color. Pkt., 10c; oz., 50c.
- King White. Large white, one of the best. Pkt., 10c; oz., 35c.
- Mary Pickford. Dainty pink. Pkt., 15; oz., \$1.00.
- Miss California. Salmon-cream pink. Pkt., 10c; oz., 50c.
- Mascotts Scarlet. Bright scarlet, large wavy flowers borne on long stems. Pkt., 10c; oz., 50c.
- Mascotts White. The purest and most solid white pea, very large and wavy. An extremely strong grower. Flowers of excellent form and all fours. Pkt., 10c; oz., 50c.
- Maud Holmes. Splendid sunproof crimson, large flowers and fine dark red. Pkt., 10c; oz., 35c.
- Mrs. Arnold Hitchcock. Pale pink, flushed salmon with a cream ground, a wonderful combination. Pkt., 10c; oz., 35c.
- Mrs. Cuthbertson. Standard rose pink, wings pure white, large flowers. Pkt., 10c; oz., 35c.
- Mrs. C. W. Breadmore. Cream edged terra cotta pink. Pkt., 10c; oz., 35c.
- Mrs. Hardcastle Sykes. Very large, blush pink, long stems. Pkt., 10c; oz., 35c.
- Mrs. Hugh Dickson. Cream pink on blue ground. Pkt., 10c; oz., 35c.
- Mrs. Tom Jones. Bright delphinium blue, far superior to Wedgwood, large flowers. Pkt., 10c; oz., 35c.
- Old Rose. A very fine old rose color. Pkt., 10c; oz., 50c.
- Peace. One of the most beautiful of the pale pink Spencer varieties. Pkt., 10c; oz., 50c.
- Picture. New giant flesh pink, suffused apricot, very fine. Pkt., 10c; oz., 35c.
- Pink Pearl. New, pearly pink, large wavy flowers borne on long stems. Pkt., 10c; oz., 50c.
- Renown. Very fine carmine rose, large flowers on long stems. Pkt., 10c; oz., 35c.
- Robert Sydenham. Bright salmon orange, splendid color, very large flowers. Pkt., 10c; oz., 35c.
- Rosabelle. Color light rose, very large. Pkt., 10c; oz., 35c.



## REPUTATION SPENCER SWEET PEAS

### Continued

- Royal Purple.** The best purple yet introduced. Pkt., 10c; oz., 35c.
- Sunset.** Bright rose on amber ground. Pkt., 10c; oz., 50c.
- Tangerine.** Beautiful salmon orange. Very large. Pkt., 10c; oz., 50c.
- Tennant Spencer.** Color purple mauve, very fine. Pkt., 10c; oz., 35c.
- The Cardinal.** Brilliant intense scarlet, large waved flowers of great substance, bearing four blossoms to a stem. Pkt., 10c; oz., 50c.
- The President.** Dazzling orange scarlet, very fine. Pkt., 10c; oz., 35c.
- Thomas Stevenson.** Orange scarlet, very large. Pkt., 10c; oz., 35c.
- Valentine.** Large blush pink, long stems. Pkt., 10c; oz., 35c.
- Warrior.** Rich chocolate maroon, very large. Pkt., 10c; oz., 35c.
- Wedgwood.** A very good blue. Pkt., 10c; oz., 35c.
- Youth.** Huge white picotee edged variety. The rose picotee edge is clear and is retained after cutting. Sweetly perfumed. A truly magnificent flower. Pkt., 15c; oz., 75c.
- Royal Salute.** Bright dazzling scarlet, very large. Pkt., 10c; oz., 50c.
- Royal Scott.** Very fine brilliant scarlet, large wavy flowers borne in fours on long stems. Pkt., 10c; oz., 50c.
- Splendour.** Deep rich red maroon, very fine. Pkt., 10c; oz., 35c.
- Sterling Stent.** Soft salmon orange, very beautiful. Pkt., 10c; oz., 35c.
- Silver Guilt Mixture.** Pkt., 10c; oz., 35c.
- Orchid Mixture.** Pkt., 15c; oz., 50c.
- Reputation Mixture.** Pkt., 10c; oz., 25c.

### COLLECTION K

One packet each of six standard Spencer Sweet Peas named below for 25c.

- Mrs. Cuthbertson.** Rose pink.  
**Fiery Cross.** Deep cerise.  
**Alexandra Malcolm.** Scarlet.
- Mrs. Arnold Hitchcock.** Cream pink.  
**Lavender George Herbert.** Lavender.  
**King Manoel.** Maroon.

Also one packet of annual baby's breath.  
 If bought separately would cost 65c.

### COLLECTION O

Seven packets of large wavy Spencer Sweet Peas for 35c.

- Captain of the Blues.** Large blue.  
**Etta Dyke.** Pure white.  
**America.** Red and white.  
**Thos. Stevenson.** Orange scarlet.
- Annie Ireland.** White and pink.  
**Rosabelle.** Rose.  
**Sterling Stent.** Salmon pink.

Also one packet of annual baby's breath.  
 If bought separately would cost 75c.

### COLLECTION M

Twelve packets of Standard Spencer Sweet Peas for 75c.

- Edma May Improved.** White.  
**Pink Pearl.** Pale pink.  
**Austin Fredrick.** Lavender.  
**George Herbert.** Carmine.  
**Charity.** Crimson.  
**King Manoel.** Maroon.
- Picture.** Cream pink.  
**Sterling Stent.** Salmon.  
**Hawlmarm Pink.**  
**Appleblossom.** Pink and white.  
**Royal Purple.**  
**Elsie Herbert.** White and rose.

Also one packet of annual baby's breath.  
 If bought separately would cost \$1.25.

### COLLECTION N

Twenty large flowering Spencer Sweet Peas special varieties for \$1.00.

- King White.**  
**Mrs. Tom Jones.** Blue.  
**Valentine.** Blush pink.  
**Daffodil.** Yellow.  
**Renown.** Carmine.  
**Doris.** Cerise rose.  
**Mrs. Hugh Dickson.** Cream pink.  
**Maud Holmes.** Crimson.  
**Florence Nightingale.** Lavender.  
**Warrior.** Maroon.
- King Mauve.**  
**Tangerine.** Orange.  
**Bunty.** Pink.  
**The President.** Orange scarlet.  
**Mrs. C. W. Breadmore.** Picotee.  
**Elfrida Pearson.** Pale pink.  
**Hawlmarm Pink.** Salmon pink.  
**Royal Purple.**  
**The Cardinal.** Scarlet.  
**Dobbies Cream.**

Also one packet of annual baby's breath.  
 If bought separately would cost \$2.05.

# Reputation Flower Seeds

Our strain of flower seeds is exceptionally fine, and will stand first in competition with any in the trade. They are largely the result of many years cultivation and selection by first class growers. **All Flower Seeds sent Post-paid at prices given.**

## Aconitum (Monkshood)

Hardy Perennial with spikes of hood-shaped flowers and very effective in the hardy border. Will thrive almost anywhere.

Blue. Pkt., 10c.

White. Pkt., 10c.

Rose. Pkt., 10c.

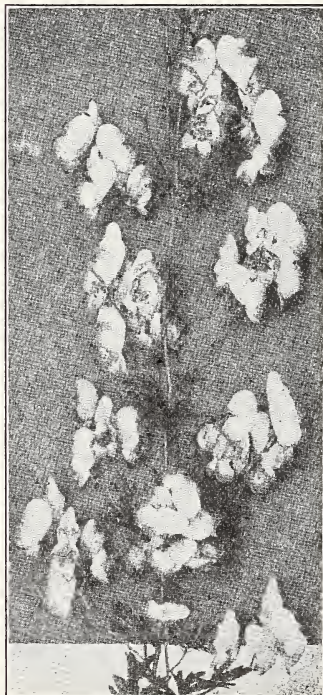
All colors mixed, pkt., 10c.

## Achillea

**Ptarmica, The Pearl.** One of the best hardy perennials, large heads of pure white double flowers, will bloom the first season if sown early. Pkt., 25c.

## Agrostis

**Nebulosa.** (Cloud Grass.) 1½ feet. An airy and graceful annual grass, looks like a line of mist when in bloom. Beautiful to mix with cut flowers. Pkt., 10c.



Aconitum—Monkshood



Achillea Ptarmica—The Pearl

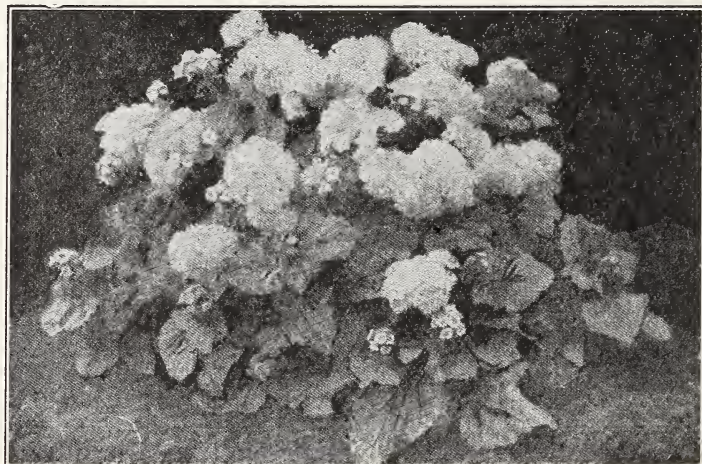
## Ageratum—Floss Flower

**Little Dorrit.** White flowering, dwarf habit. Pkt., 10c; ¼ oz., 40c.

**Little Blue Star.** Miniature plant, compact, with small flowers but very free flowering, suitable for edging or rockwork. Pkt., 25c.

**Swanley Blue.** Extra quality. Pkt., 5c; ¼ oz., 25c.

All colors mixed, pkt., 5c; ¼ oz., 25c.



Dwarf Blue Ageratum

## Adonis Aestivalis

Pretty early blooming annual with deep crimson flowers and feathery foliage. Pkt., 10c.

## Acrocinium

**Roseum Flora Pleno.** A pretty annual (everlasting), bearing lovely double pink flowers; can be cut in the bud and dried for use in winter. Pkt., 10c.

**Album Flora Pleno.** Same as above, only pure white. Pkt. 10c.

**Mixed Colors.** Pkt., 5c; ¼ oz., 20c.

## Alonsoa

**Warscewiczii.** 15 inches. A fine plant with bright vermillion scarlet flowers, suitable for bedding. For a red, white, and blue border plant Alonsoa for red, Alyssum, Sweet for white and Ageratum Blue Perfection for blue. Pkt., 10c.



**ALYSSUM**

**Benthami.** (Sweet.) Fine for boxes and baskets. Pkt., 5c; oz., 40c.

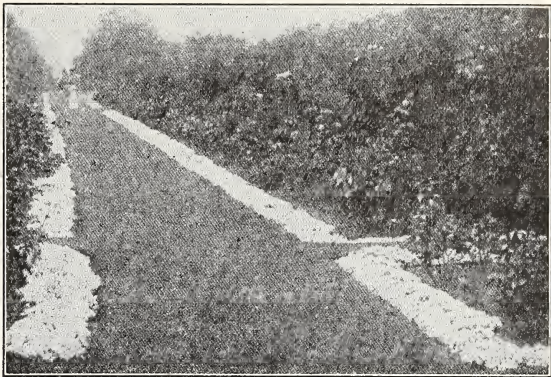
**Little Gem.** Very dwarf and compact, and very free flowering, fine for bedding. Pkt., 5c; ¼ oz., 20c; oz., 50c.

**Procumbens.** (White Carpet.) Very dwarf, creeping, extra selected stock. Pkt., 10c; ¼ oz., 25c.

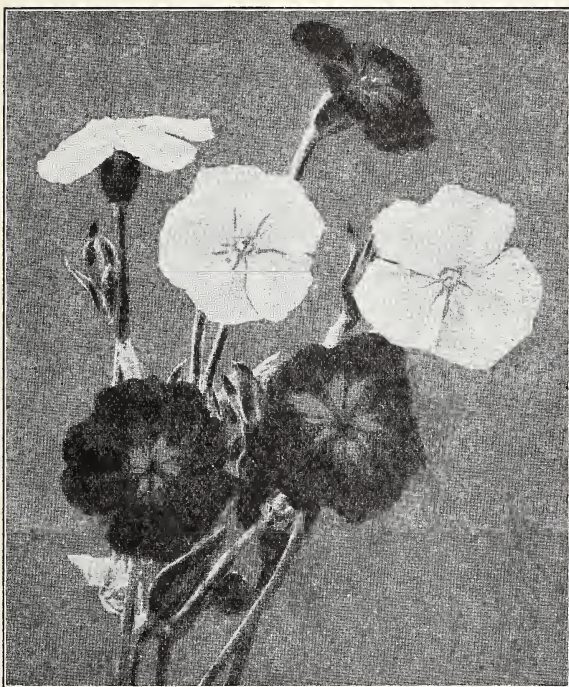
**Little Dorrit.** Very dwarf variety. Extra choice. Pkt., 10c; ¼ oz., 30c.

**Lilac Queen.** Reselected stock, beautiful lilac flowers, very dwarf and compact. A striking contrast from the white. Pkt., 10c; ¼ oz., 30c.

**Saxatile Compactum.** (Basket of Gold.) A beautiful yellow perennial. Good compact habit, very free bloomer. Pkt., 10c.



Sweet Alyssum Little Gem



Agrostemma Coronario

**AGROSTEMMA—ROSE OF HEAVEN**

**Coronaria.** A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year from seed. Pkt., 10c; ¼ oz., 20c.

**Flos Jovis.** (Flower of Jove.) Deep pink Flowers. Pkt., 10c; ¼ oz., 40c.

**AMARATHUS**

Fine for borders of tall plants, or in center of large beds.

**Caudatus.** (Love Lies Bleeding.) Blood red, drooping habit. Pkt., 5c; ¼ oz., 20c.

**Salicifolius.** Variegated, willow-leaved. Pkt., 10c; ¼ oz., 25c.

**Tricolor.** (Joseph's Coat.) Leaves red, yellow and green. Pkt., 5c; ¼ oz., 20c.

**ALOYSIA**

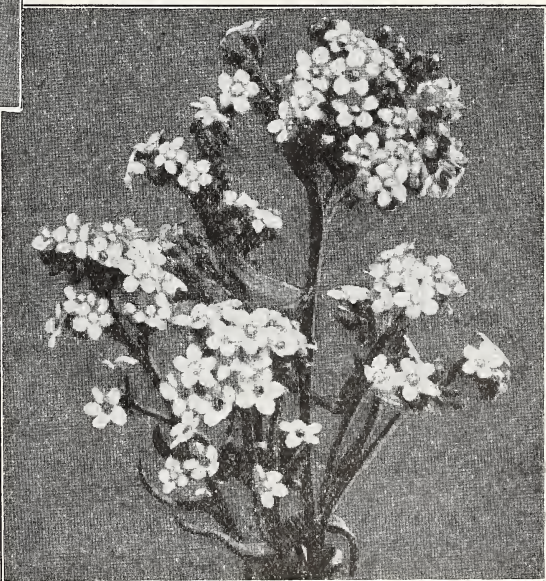
(Lemon Verbena)

**Citriodora.** Fine for house plants. Pkt., 10c.

**ANCHUSA (Alkanet)**

**Italica Dropmore Variety.** One of the best hardy perennials, lovely gentian blue, grand improvement on the old variety. Pkt., 10c; ¼ oz., 40c.

**Capensis.** (Cape Forget-Me-Not.) A very fine growing annual, with beautiful forget-me-not blue flowers. Pkt., 5c; ¼ oz., 25c.



Anchusa Italica Dropmore





Anemone

**ANEMONE**

(Windflower)

**St. Brigid.** A very fine perennial. Royal Crown strain, enormous blooms, the size of Tulips, with great variety of striking colors. Sow seed outdoors in spring and keep shady until plants appear. Semi-double. Pkt., 15c.

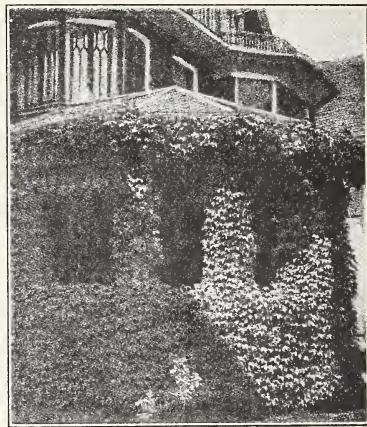
**Single French Mixed.** Pkt., 10c.

**AMPELOPSIS**

(Boston Ivy)

**Veitchi.** A hardy perennial climber, beautiful green leaves, which turn red in the autumn. Pkt. 10c.

**Hederafolia.** (Virginia Creeper.) Pkt., 10c.



Boston Ivy

**ANAGALLIS GRANDIFLORA**

Free flowering annual. Adapted for a sunny position. Does not need transplanting. Height 6 inches. Mixed colors, pkt., 10c.

**Ammobium Alatum Grandiflorum**

White everlasting, fine for winter bouquets. Pkt., 5c; ½ oz., 30c.



Arctotis Grandis

**ARCTOTIS**

(African Daisy)

A very handsome and striking white Marguerite flower for cut bloom, 3 inches across with light blue center, annual. Pkt., 10c; ¼ oz., 30c.

**ANTHEMIS**

**Kelwayi.** A very hardy perennial. Will bloom all summer, much like Shasta Daisy, only golden yellow. Fine for cutting. Pkt., 15c.



Aquilegia Long Spurred Hybrids

**AQUILEGIA**

(Columbine)

**Reputation Long Spurred Hybrids.** The seed of this Columbine Mixture is saved from the very best stock obtainable. It has a beautiful range of colors, and it makes a wonderful cut flower for decoration. Hardy Perennial. Pkt., 25c.

**Dobbies Long Spurred Hybrids.** Pkt., 35c.  
**Chrysantha Golden Yellow.** Pkt., 10c; ½ oz., 50c.

**Blue.** Pkt., 10c; ⅛ oz., 50c.

**Ruba.** Pkt., 10c; ⅛ oz., 50c.

**Reputation Double Mixed.** All colors mixed. Pkt., 10c; ⅛ oz., 30c.



**ARMERIA FORMOSA**

A rich and effective variety, with deepest crimson flowers. A free bloomer, with blossoms on clean stems and choice for cutting purposes. Height 18 inches. Hardy perennial. Pkt., 15c.

**ASPERULA TINCTORIA**

A very pretty dwarf plant with whorled leaves and small white fragrant flowers which bloom during the summer. Valuable for covering purposes in shady positions. The foliage is of a

particularly pleasing flavor, and is often used for flavoring summer drinks. Hardy perennial. Height 18 inches. Pkt., 15c.

**BAPTISIA AUSTRALIS**

(False Indigo)

Deep Blue. Deeply cut foliage showy spikes of dark blue flowers. A free growing plant in ordinary soil and well adapted to the border or wild garden. Prefers a sunny position. Height 2 ft. Hardy perennial. Pkt., 10c.

# Reputation Asters



Astermums

**Reputation Giants**

	Pkt.
Peach Blossom .....	\$0.15
Light Blue .....	.15
Deep Rose .....	.15
Dark Purple .....	.15
Mixture of above .....	.10

**Reputation Improved Crego**

This is the finest and largest of all Asters. The blooms are as large as Chysanthemums and when cut keep for a long time.

	Pkt.
White .....	\$0.10
Crimson .....	.10
Rose .....	.10
Pink .....	.10
Lavender .....	.10
Purple .....	.10

One packet each of above colors for 50c.

Finest Mixed. Pkt., 10c; ¼ oz., 40c.

**Aster**

Single Mixed. A very fine range of colors. Pkt., 10c; ¼ oz., 35c.

**Reputation American Branching**

This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. Usually they do not come into bloom until the latter part of August, but producing on very long stems full petalled, exceptionally large, double blossoms of fine form.

	Pkt.
Lavender Pink .....	.10
Rose .....	.10
Lavender .....	.10
Peach Blossom .....	.10
Flesh Pink (Mary Semple) .....	.10
White .....	.10
Crimson .....	.10
Purple .....	.10

One packet each of above colors for 60c.

Finest Mixed. Pkt., 10c; ¼ oz., 35c.

**Reputation Queen of the Market**

A very early flowering Aster coming into flower as early as July, of good size, branching habit, fine for cutting.

	Pkt.
Blush Pink .....	\$0.10
Lavender .....	.10
White .....	.10
Crimson .....	.10
Rose .....	.10
Purple .....	.10

One packet each of above 6 colors for 50c.

Finest Mixed. Pkt., 10c; ¼ oz., 40c.

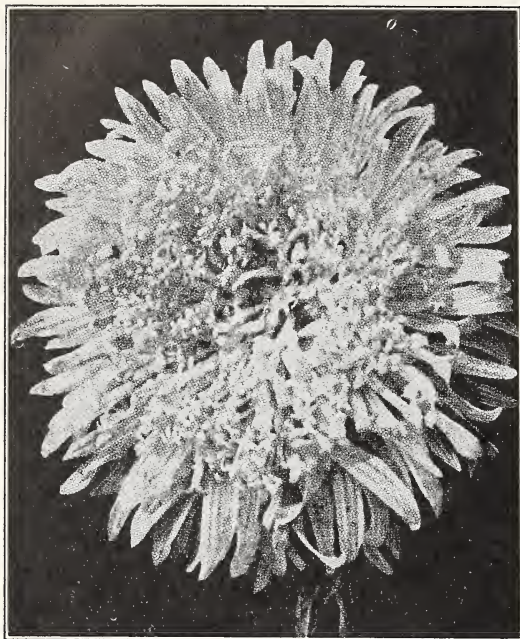
**Soda Yaka**

A noteworthy Pink Aster of very fine habit, large flowers and a grand improvement on the ordinary pink Asters. Pkt., 15c; ¼ oz., 40c.

**Hardy Perennial Aster**

Mixed. (Michaelmas Daisy). A single flowered perennial Aster. Flowers in the fall and is splendid for herbaceous border; if sown early will flower the first season. Pkt., 10c; ¼ oz., 50c.





Aster—Improved Crego



Aster—Ostrich Feather

### ASTER OSTRICH FEATHER

One of the finest Asters yet introduced. There is nothing in existence approaching it. A beautiful long stemmed Aster with enormous length of petals to the bloom.

White. Pkt., 15c.

Shell Pink. Pkt., 15c.

Dark Blue. Pkt., 15c.

Crimson. Pkt., 15c.

Rose Pink. Pkt., 15c.

Finest Mixed. Pkt., 10c.

### ASTER HEART OF FRANCE

This is a very beautiful Aster of the American Branching Type. In color it is a very deep Garnet Red. It may be briefly described as an improved strain of Sensation, being practically the same color but with larger flowers and fewer flowerets or small buds on the stem and comes a little earlier than Sensation. This splendid novelty was sent out by the noted Aster grower James Vick and Co. Pkt., 25c each.

### MARSHALL JOFFRE

This is a new single Aster recently sent out, with a very showy scarlet petal, with a large yellow single eye. It is very attractive for a single Aster and is becoming popular. Splendid for cutting. Pkt., 25c.

### ASTER SUB-COERULEUS

A hardy perennial. Handsome clear mauve Marguerite flowers 3 inches across, each one having the contrast of a bold orange-yellow center. Height, 12 to 15 inches. Easily grown from seed. Pkt., 25c.



Aster—Marshall Joffre

### ARGEMONE

(Mexican or Prickly Poppy)

The plants are very sturdy, growing about 3 feet high, with pale green shiny foliage, with clear silvery midrib and veins and Poppy-like flowers. A very pretty annual.

Grandiflora Mixed. Pkt., 5c.



AUBRIETIA

(Rainbow Rock Cress)

The lovely spring bedding plant which makes the garden so gay in the early months of the year. Aubretias produce great masses of bloom and are charming companions to yellow Alyssum and Arabis Alpina. Large flowered Hybrids. Hardy perennial. A fine range of colors. Pkt., 10c.

ANTIRRHINUM MAXIMUM

Giant Flowered Snapdragon

LARGE FLOWERING TALL VARIETIES

	Pkt.		Pkt.
Scarlet .....	\$0.10	Yellow .....	\$0.10
Pink .....	.10	Pure White .....	.10
Appleblossom .....	.10	Rosy Carmine .....	.10

Large Flowering Mixed. Pkt., 10c; ¼ oz., 25c.

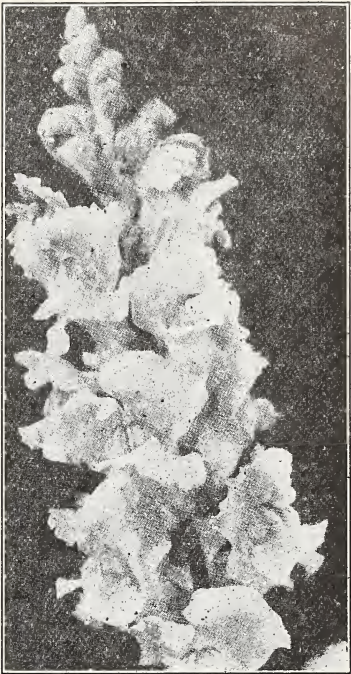
ANTIRRHINUM

LARGE FLOWERED DWARF VARIETIES

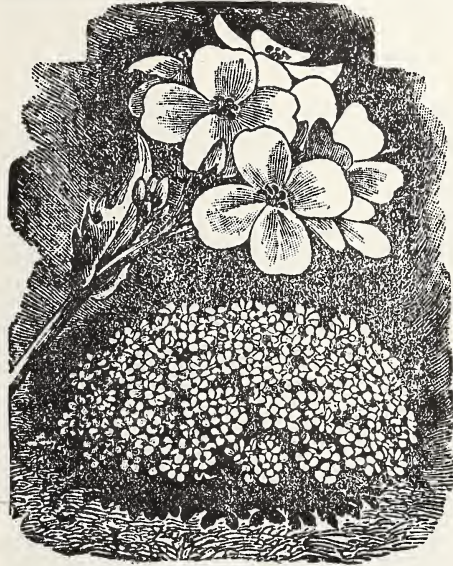
Nelrose. This is a splendid novelty of the silver pink snapdragon. The color is superb, the flowers large on long stems which is a wonderful show in the garden and also useful for decoration when cut. Pkt., 15c.

	PKT.
Silver Pink. Special florists strain .....	\$0.25
Cottage Maid. Pink with white throat .....	.10
Crimson Queen. Beautiful dark red .....	.10
Defiance. Orange red .....	.10

	PKT.
Golden Queen. Rich yellow .....	.10
Mont Blanc. Pure white .....	.10
Rose Queen. Rich rose .....	.10
Half Dwarf Mixed. Pkt., 10c; ¼ oz., 30c.	



Antirrhinum—Snapdragon



Arabis Alpina

BELLIS PERENNIS

(English Daisy)

Longfellow. Best English strain, fine rose color and strong habit. Pkt., 10c.

Montrosa Alba. Giant white, does not produce many flowers but are of enormous size. Pkt., 10c.

Montrosa Mixed. Comprised of varieties that are strong of habit and large flowers. Good colors. Pkt., 10c; ¼ oz., 50c.

ARABIS

(Rock Cress)

Alpina. A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Very desirable for edging border, and lovely for cut blooms, lasting a long while in water. Pkt., 10c; ¼ oz., 30c.

ASTILBE

Davidii. An important hardy perennial. Its five to six feet high stems, which rise from a tuft of pretty dark green foliage, are crowned with feathery plumes of deep rose violet flowers during June and July. Pkt., 25c.



Astilbe





Balsam

## BARTONIA AUREA

A free blooming and showy hardy annual with large yellow flowers. It is certain to please those who have not yet grown it and is worthy of much more extensive cultivation. Height 18 inches. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## BOCCONIA (Plume Poppy)

*Japonica Cordata*. A very handsome perennial. Foliage bright green. Spikes 2 to 3 feet long, of cream colored flowers; easily raised from seed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



Auricula Alpina

## AURICULA

*Alpine Mixed Colors*. A half hardy perennial, very much used for garden borders. Splendid collection of colors. Pkt., 25c.

## DOUBLE CAMELLIA FLOWERED BALSAMS

(Lady Slipper)

*Alba Perfeca*. Pure white. Pkt., 10c.

*Scarlet*. Brilliant fiery scarlet. Pkt., 10c.

*Salmon Rose*. Salmon pink, very double. Pkt., 10c.

*Salmon King*. Extra fine. Pkt., 10c.

One packet each of above colors for 30c.

*Double Camelia Flowered Mixed*. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

## BALLOON VINE

*Cardiospermum Halicacabum*. A rapid growing climber; annual. Pkt., 5c; oz., 25c.



Bocconia

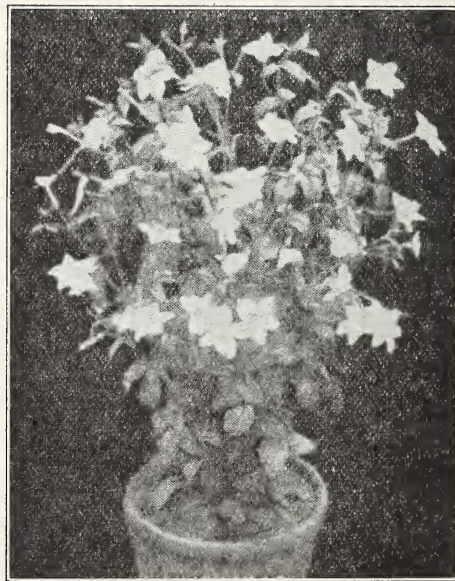
## BROWALLIA

(Amethyst)

One of the profuse blooming bedding plants covered with rich, beautiful winged flowers during the summer and autumn months, grows well in any rich soil and is very uncommon. *Elata*. Pkt., 5c.

## BEE FOR BEDDING

Beautiful ornamental foliage for mixed borders and centers of large beds. Pkt., 10c.



Browallia

## BRACHYCOME

(Swan River Daisy) *Iberidifolio*.

A very pretty free flowering annual, blooms the greater part of the summer; pretty blue and white flowers of daisy-like habit. Pkt., 5c;  $\frac{1}{4}$  oz., 30c.



**CALLIOPSIS**

Golden Wave. (Drummondii.) Rich golden yellow, small chestnut brown center. Pkt., 10c; ¼ oz., 20c.  
 Tall Double Mixed. Pkt., 5c; oz., 30c.  
 Single Mixed. Pkt., 5c; oz., 30c.

**CALANDRINIA UMBELLATA**

Hardy perennial of trailing habit and producing brilliant crimson flowers. Fine for rockwork and sunny spots. Pkt., 15c.

**CALLA LILY**

Ethiopica. This is the well known White Calla Lily. Easy of culture; its wonderful white blossoms are very pretty as pot plants. Pkt., 25c.

**CANDYTUFT**

(Iberis Umbellata)

Queen of Italy. The Candytuft is a plant of very fine habit and a profuse bloomer. It soon flowers from seed and remains long in beauty. This variety is very dwarf and compact and forms large heads of beautiful Lilac pink blossoms. It has a striking effect when used for massing in the flower beds, and is very useful for decoration when cut. Pkt., 10c.

Empress. Without doubt the finest white Candytuft in cultivation, being a complete mass of white flowers in a pyramid of bloom. Pkt., 10c; 3 pkts., 25c.

Carmine. Bright carmine rose. Pkt., 10c; oz., 40c.

Crimson. Deep rich red. Pkt., 10c; oz., 30c.

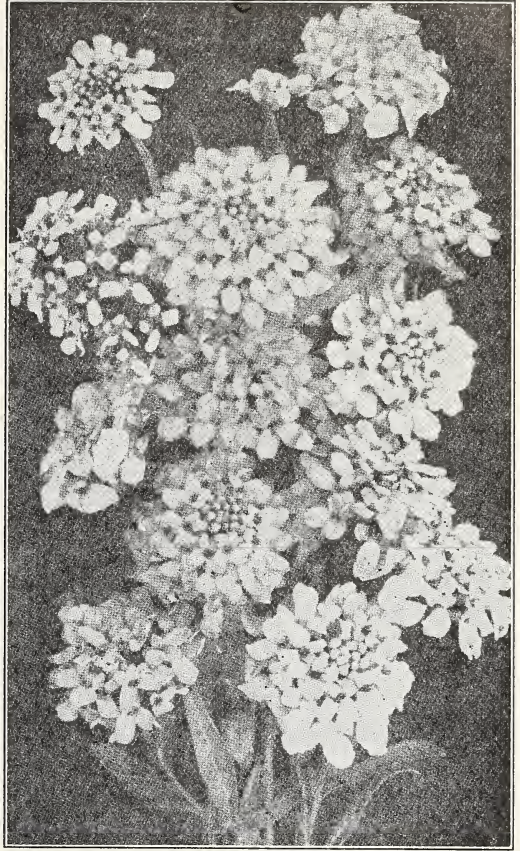
Lavender. Delicate shade of rosy lavender. Pkt., 10c; oz., 40c.

Rose Cardinal. Very rich striking color. Quite distinct deep rosy cardinal. Pkt., 15c; oz., 75c.

Giant Hyacinth Flowered. Immense pure white spikes of flowers, specially selected strain. Pkt., 10c; oz., 60c.

One packet each of above six colors for 40c.

Mixed. All colors. Pkt., 5c; oz., 25c.



Candytuft Empress



Candytuft Queen of Italy



Cacia Coccinea

**CACALIA**

(Tassel Flower)

A neat annual of easy culture, with tassel-like flowers. Pkt., 5c; ¼ oz., 25c.



**CAMPANULA CALYCANTHEMA**

(Cup and Saucer Canterbury Bells)

A beautiful form of Canterbury Bells with large saucer at base of flower. Grows two feet high.

Blue. A beautiful deep blue. Pkt., 15c.

White. Very large flowers. Pkt., 15c.

Rosea. A fine rose pink shade. Pkt., 15c.

All colors mixed. Pkt., 10c.

**CAMPANULA MEDIUM**

(Single Canterbury Bells)

Finest mixed all colors. Pkt., 10c.

**CAMPANULA PYRAMIDALIS**

Very hardy perennial of very imposing habit and is useful for back ground in borders, being tall and graceful.

Blue. Very fine stately flowers.

All colors mixed. Pkt., 10c.



*Platycodon Grandiflorum*

*Carpatica.*

(Harebell)

Pretty dwarf blue, growing 9 inches high.

Pkt., 10c.

*Wahlenbergia.*

(*Platycodon*

*Grandiflora* mixed).

A very striking large-flowered perennial

*Campanula.*

Height 1 ft.

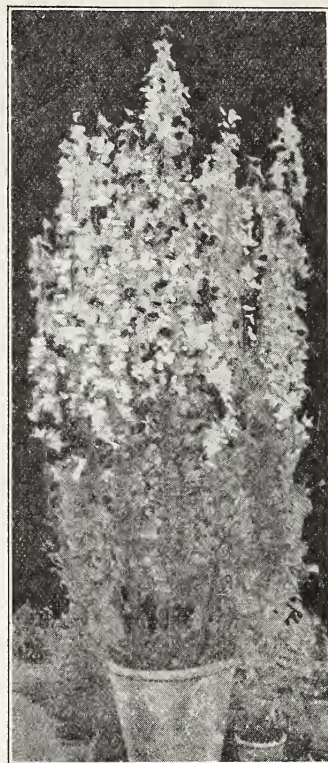
Pkt., 15c.

*Persicifolia*

*Grandiflora*

Blue. (Peach

Bells). Undoubtedly one of the finest of the hardy Bell flowers. Grows two to three feet high with large lilac flowers. Hardy perennial. Pkt., 15c.



*Campanula Pyramidalis White*

**CALENDULA**

(Pot Marigold)

One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained.

**The Ball.** Special florist strain. Pkt., 15c.

**Meteor.** Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 25c.

**Prince of Orange.** Large, double orange, much like Meteor only darker. Pkt., 10c; oz., 25c.

**Orange King.** Very large flowers, dark orange red. Pkt., 5c; oz., 25c.

**Lemon Queen.** Very large and double, lemon yellow. Pkt., 10c; oz., 25c.

**Mixed Varieties.** All colors mixed. Pkt., 5c; oz., 25c.



*Calendula Orange King*





Carnation

**CELOSIA—COCKSCOMB**

Dwarf All Colors Mixed. Extra Special. Pkt., 10c; ¼ oz., 35c.

Cristata Tall Mixed. Comb-like flowers of large size and rich color. Plants tall and strong. A very fine strain. Pkt., 10c; ¼ oz., 35c.

**CERASTIUM TOMENTOSUM**

(Snow in Summer)

Hardy perennial with ornamental foliage growing close to the ground. Fine for rockeries and borders. Pkt., 10c.

**CANARY BIRD VINE**

(*Tropaeolum Canariense*)

A splendid rapid annual climber, the small canary-colored blossoms bearing a fancied resemblance to a bird with his wings half expanded. The vines grow to a height of twenty feet and are thickly covered with the clear golden yellow flowers. Pkt., 5c; oz., 25c.



Chinese Woolflower

**CANNA—INDIAN SHOT**

The Canna will bloom the first year from seed if sown early. Seeds should be soaked for 36 hours in luke warm water before sowing. Mixed Varieties. Pkt., 10c; oz., 50c.

**CARNATIONS**

Chabaud's Everblooming. Raised by a French specialist. Blooms five months after being sown and continues to bloom the greater part of the summer. Mixed colors. Pkt., 25c.

Marguerite. Finest double mixed. Our strain of this variety is extra fine, flowers borne on long stems with an abundance of double flowers. Pkt., 10c; ¼ oz., 50c.

**THE CARDINAL CLIMBER**

(*Ipomoea Quamoclit Hybrida*)

Henry A. Dreer of Philadelphia introduced and named this glorious and absolutely distinct annual climber in 1912, and it is now generally considered the most beautiful annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and literally covered with a haze of circular cardinal red flowers from mid-summer until frost. Pkt., 10c.



Cockscomb

**CHINESE WOOLFLOWER**

(*Celosia*)

This is a unique form of the feathered Cockscomb, growing 2 to 3 feet high, by as much through. Each branch terminates with a large head of rich crimson flowers that look as if made out of some silky-wool material. Not only effective in beds and borders, but very valuable for cutting and retain their bright color for weeks. Pkt., 10c.

**CATANANCHE COERULEA**

Charming hardy perennial attaining about three feet in height. The long stems have beautiful blue rays of flowers. Fine for cutting. Pkt., 10c.

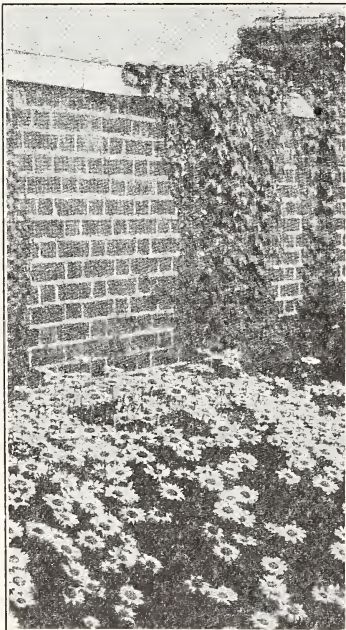




Special Mixture of Annual Chrysanthemums

### CHELONE SHELLFLOWER

Stately and handsome perennials growing about two feet high and bearing numerous spikes of large flower heads during the summer and fall. *Barbata Coccinea*. Pkt., 10c.



Shasta Daisies

## CHRYSANTHEMUMS

Summer blooming; beautifully colored daisy-like flowers, fine for cutting.

*Segetum, Evening Star*. Large primrose colored annual *Marguerite*. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

*Coronarum*. Double mixed. Pkt., 10c; oz., 25c.

*White Pearl*. Double, very dwarf and compact. Annual. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

*Single Mixed*. (Painted Daisies.) All colors mixed. Pkt., 10c; oz., 40c.

### Perennial Varieties

*Mayfield Giant*. Truly a giant Daisy, large snow white, well formed flowers, bearing a double row of petals and produced in great profusion on long stout stems. Perfect erect habit, excellent for cut flower. Pkt., 10c.

*King Edward VII*. Pure white, flowers very large and perfect, useful hardy perennial. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

*Shasta Daisy*. (Alaska.) A splendid hardy perennial; when cut remains in good condition a long time. Pkt., 10c;  $\frac{1}{4}$  oz., 75c.

## THE SPEAKER

A very fine *Shasta Daisy*. Flowers very large, with a double row of petals the finest of its class. Pkt., 15c.

## CHEIRANTHUS ALLBONI

Perennial. Height 12 inches. Color brilliant orange, flowering very freely during the spring and summer, sometimes so freely that the plant exhausts itself. Pkt., 10c.

## CENTAUREA IMPERIALIS

(Royal Sweet Sultans)

*Brilliant Rose*. Pkt., 10c.

*Deep Lavender*. Pkt., 10c.

*White*. Pkt., 10c.

*Special Mixture*. A good assortment of colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

### Centaurea—Cornflower

*Double Blue*. Identical in color to the popular single blue variety, being a large, full, double flower. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

*Double White*. A very large white variety, very double. Pkt., 10c.

*Cynus Double Pink*. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

*Cyanus Double Mixed*. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

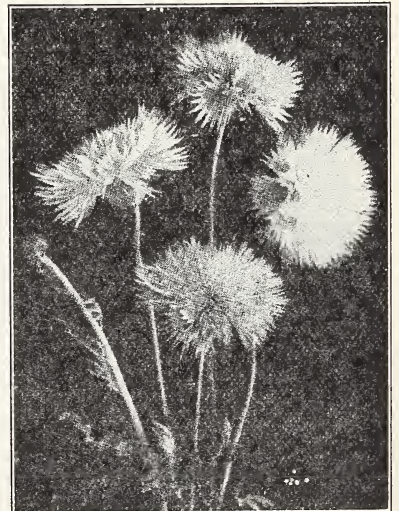
### White Leaved Centaureas

Fine for bedding, boxes, and hanging baskets.

*Candidissima*. (Dusty Miller.) Silvery white, broad cut leaves. Pkt., 10c;  $\frac{1}{8}$  oz., 75c.

*Gymnocarpa*. Fine cut silvery foliage. Pkt., 10c;  $\frac{1}{8}$  oz., 50c.

*Montana*. (Perennial Cornflower.) Grows two feet high, bearing large violet blue flowers from July to September. Pkt., 10c.



Centaurea Imperialis



# Special List of New and Standard Perennials and Biennials

*For May, June and July planting—to bloom following season*

	Per Pkg.		Per Pkg.
ACANTHUS		CHEIRANTHUS Allioni. Orange yellow, 12 in.	.10
Lusitanicus (Bear's Breech). 3 ft.	.10	CHELONE. 2 ft. Barbata (Shellflower). Coral red	.15
Latifolius. Foliage plant	.10	Hybrida, mixed	.15
Mollis. White and lilac, 4 ft.	.10	CHRYSANTHEMUM (Shasta Daisy)	
ACHILLEA. 2 to 3 ft. (Milfoil or Yarrow) common	.15	Leucanthemum. White dame, early	.15
Ptarmica (The Pearl). Double white	.25	" Hybridum	.10
Milifolio Hybrida	.10	" Alaska, large	.15
Nobilis	.10	Maximum. Perfection	.10
ACONITUM. 3 to 4 ft. (Monkshood) (Woolfsbane) (Helmet flower). Lycotomum, Wilsonii, Fischeri, Napellus. White, bicolor, rose and mixed. Each	.15	" King Edward	.10
ADONIS VERNALIS. Star shaped yellow flowers	.15	" The Speaker	.15
AGROSTEMMA (Rose Champion). Deep crimson	.10	" Early Giant	.10
Coronaria Atrosanguinea. Blood red	.10	Inodorum. Double	.15
Coronaria Alba. White	.10	CISTUS HELIANTHEMUM. Mixed	.15
Coronaria Mixed	.10	COLCHICUM Autumnale	.15
Flos-jovis. 1 ft., carmine rose	.10	COLUMBINE. See Aquilegia.	
Hybrida Walkerii. Brilliant rose	.10	COMMELINA COELESTIS (Tuberosa). Blue	.10
ALSTROEMERIA. 2 to 3 ft. Chilensis, mixed	.25	CONVALLARIA MAJALIS (Lily of the Valley)	.15
ALYSSUM. 6 in. Saxatile, yellow	.10	COREOPSIS. 1 to 2 ft. (Tickseed). Grandiflora. Yellow	.10
ANCHUSA. 2 to 3 ft. Italica, intense blue	.10	Lanceolata. Golden yellow	.10
Italica. Dropmore variety, deep gentian blue	.10	COWSLIP. Mixed	.25
Opal. Sky blue, extra large	.15	DELPHINIUM. Perennial Larkspur.	
ANEMONE. 1½ ft. (Windflower)		Butterfly Varieties. Blue, white, lavender and mixed, each	.15
Coronaria St. Brigid. Strain mixed	.15	Chinese. White, blue and mixed, each	.10
Coronaria French Caen Hybrids. Single	.10	Chinese Azure Fairy. Light blue	.15
Chrysanthemum flowered double	.25	Cardinale. Scarlet	.35
ANTHEMIS. 2 ft. (Hardy Marguerite)		Formosum. 3 ft., deep blue	.15
Kelwayi. Yellow and white, each	.15	Bellamosum. Dark blue	.25
AQUILEGIA. 2 to 3 ft. (Columbine) mixed	.10	Belladonna. 2 ft. Light blue	.25
Long Spurred Hybrids	.25	Belladonna Hybrids	.15
Chrysantha. Golden yellow	.10	Zalil. Sulphur yellow	.50
Jaetschaui. Rose Queen. White, each	.15	Gold Medal Hybrids	.10
Vulgaris. Single mixed	.10	Kelway Hybrids	.20
Nevea Grandiflora. White, large flowers	.10	Hybrid Blackmore and Langdon strain	.35
Canadensis. Scarlet orange	.10	Nudicaule. 1 to 1½ ft., dwarf, scarlet	.35
Blue, pink, white, yellow, each	.10	Nudicaule. 1 to 1½ ft., dwarf, Lemon Gem	.35
Fine imported select Hybrids	.25	Nudicaule. 1 to 1½ ft., dwarf, Chamois	.35
ARABIS ALPINA. 6 in. (Rock Cress). White	.10	Summer Cloud, White	.35
ARMERIA. 18 in. (Sea Pink or Thrift) formosa	.10	Fine Mixed Imported Varieties	.15
Maritima. 6 in. Silver pink	.15	DIANTHUS. Garden Pinks. (Clove Pinks)	
ASCLEPIAS. 2 ft. (Butterfly, Silk or Milk Weed)		Plumarius. (Grass Pinks)	
Curassavica. Orange scarlet	.15	" Single, mixed	.10
ASPHODELUS. 2 to 4 ft. (Kings Spear, Asphodel)		" Double, mixed	.15
Luteus. Blue foliage, yellow flowers	.15	" Semperflorens, mixed	.15
ASTER. Perennial sub-coeruleus, 15 in., mauve	.25	Latifolius. Double velvet crimson	.10
Michaelmas Daisy, Mixed	.10	(Ever blooming Sweet William)	
Farreri (Novelty)	.35	Barbatus. (Sweet William)	
Perennial Hybrids, mixed	.15	Single, white, red, pink and mixed, each	.10
ASTILBE. 5 to 6 ft. Davidii. Mauve color flowers	.50	Double, white, red, pink and mixed, each	.10
AUBRETIA. Dwarf (Rainbow Rock Cress), mixed	.10	DICLYTRA SPECTABILIS (Bleeding Heart)	.50
Blue, lilac, purple, each	.15	DICTAMNUS. 3 ft. (Gas Plant). Lemon scented.	
New large flowered Hybrids	.25	Fraxinella. Pink, white, each	.25
AURICULA. 6 in., Alpine (Primula Auricula), mixed	.25	(Slow germination)	
BAPTISIA AUSTRALIS (False Indigo). 2 to 4 ft., deep blue	.10	DIGITALIS. 2 to 3 ft. (Foxglove).	
BELLIS. 6 to 8 in. (Engish Double Daisy). White, pink, red, ea.	.10	White, yellow, rose, purple and mixed, each	.10
BOCCONIA. 5 ft. Cordata. (Plume Poppy or Tree Celandine)		DRACOCEPHALUM. Mixed	.15
Japonica. Cream color plumes	.10	ECHINACEA. 3 to 4 ft., purple (Rudbeckia)	.15
BOLTONIA. 4 to 6 ft. (False Chamomile)		ECHINOPS RITRO. 3 to 4 ft. Violet blue. (Globe Thistle)	.10
Asteroides. White	.15	EREMURUS ROBUSTUS. Gold Medal Hybrids	.50
Latisquama. Lilac pink	.15	ERIGERON.	
BROOM (Cytisus) Andreana. Brown and gold	.15	Aurantiacus. Orange	.50
White Portugal	.10	Speciosus. Blue	.10
Yellow Spanish (Spartium Junceum)	.10	Coulterii. White	.25
White Gem	.10	Glaucus. Lavender blue	.10
Genista Andreana. Scarlet and yellow	.25	Pulchellus. Lavender blue, tall	.10
BUDDLEIA Variabilis (Butterfly bush), mauve	.15	ERYNGIUM. 2 to 3 ft. (Sea holly)	
BUPHTHALMUM Salicifolium. Yellow	.10	Alpinum, Planum, Giganteum, each	.10
CAMPANULA. Medium. (Canterbury Bells). Biennial.		EUPATORIUM. 2 to 3 ft. Fraseri white	.15
Single, white, blue, rose and mixed, each	.10	GAILLARDIA. 2 ft. (Blanket Flower). Mixed	.10
Double, white, blue, rose and mixed, each	.10	Compacta and New Hybrids, each	.15
Calycanthema (Cup and Saucer). Mixed	.10	GALEGA. 3 to 4 ft. Officialis (Goats Rue), mixed	.10
Calycanthema. Blue, rose, white, each	.15	Blue, white, lilac, rose, each	.10
CAMPANULA. 18 to 24 in. Perennial varieties.		GENISTA ANDREANA. Scarlet and yellow broom	.15
Carpatia (Harebell). Blue, white, mixed, each	.10	GENTIANA.	
Latifolia. 4 to 5 ft., blue, white, each	.15	Lutea. 4 ft., yellow	.10
Longistyla. Blue violet	.15	Cruciata. 1 ft., deep blue	.35
Persicifolia (Peach Bells). Blue, white, mixed, each	.15	Acaulis. Dark blue	.20
Pyramidalis (Chimney bell flower). Blue, white, each	.15	GEUM. 1 to 2 ft. Orange, scarlet and mixed, each	.15
Wahlenbergia Grandiflora (Platycodon). Blue, white, each	.15	Lady Stratheden. Golden yellow	.25
CANDYTUFT. Perennial. See Iberis.		Mrs. Bradshaw. Double orange scarlet	.15
CATANANCHE. 3 ft. (Cupid's Dart). Mixed	.10	GYPSOPHILA Paniculata (Baby Breath). 2 ft. Single, white	.10
CHAMAEPUCE (Carduus Thistle). Purple	.10	Double, white	.25
CENTAUREA. 2 ft. Montana. Blue, white, rose, each	.10	HEDYSARUM. 2 to 4 ft. (French Honeysuckle)	
Dealbata. Reddish flowers, white leaves	.15	Coronarum. Red and white, each	.10
Ruthenica. 4 ft. Sulphur yellow	.15	HELENIUM (Sneeze Wort). Common	.10
		Five named varieties, each	.15

(SEE OTHER SIDE)



	Per Pkg.		Per Pkg.
HELIANTHEMUM. 8 to 12 in. Mutabile	.10	Oriente Bracteatum. 3 ft., scarlet	.15
Run Rose or Rock Cistus. Pale rose to white.		" Dark crimson	.10
HELIANTHUS (Sunflowers). Mixed hardy	.25	" Brilliant red and mixed, each	.10
HELIOPSIS. 3 to 4 ft., orange, sunflower, hardy	.10	" Princess Victoria Louise. Salmon pink	.25
HESPERIS. 2 to 3 ft. (Sweet Rocket or evening scented stock)		" Imported Hybrids, mixed	.15
Matronalis. Red, white, purple, each	.10	" Perrys. White and pink beauty, each	.25
HEUCHERA (Alum Root). Mixed Hybrids	.25	" Mahoney and Salmon Queen, each	.25
Six fine named varieties, each	.35	" Pilosum. Buff yellow	.15
HIBISCUS. 4 ft. Grandiflora Hybridus, mixed	.15	" Mrs. Perry. Orange apricot	.25
HOLLYHOCK. Single, red, pink, white, salmon, yellow		PENTSTEMON. 2 ft. (Beard Tongue)	
and mixed, each	.10	Imported fine hybrids	.15
Double, white, maroon, rose, purple, salmon, yellow, crimson		Large flowering hybrids	.25
black, blood red, pale lilac, apple blossom, flesh and		PHLOX. Perennial fine mixed	.15
mixed each	.10	Imported Hybrids	.25
Allegheny. Semi double mixed	.10	PHYSALIS. Franchetti (Lantern Plant)	.10
HYACINTHUS Candicans. 3 to 5 ft. (Cape Hyacinth)		2 ft. orange-scarlet pods for dry bouquets.	
Flowers bell-shaped, white	.15	PHYSOSTEGIA. 3 ft. (False Dragon Head). Mixed	.25
IBERIS Gibraltaria. Lilac, perennial Candytuft	.10	Virginica Compacta Rosea	.15
Hybrida, dwarf	.10	Virginica Alba, white	.15
Sempervirens. White	.15	PLATYCODON. See Campanula Wahlenbergia.	
INCARVILLEA.		POLEMONIUM. 2 ft. (Jacob's Ladder) (Valeriana)	
Delavayi. 18 in., carmine rose	.25	White, blue, each	.10
Grandiflora. Carmine	.15	POTENTILLA (Cinque foil). Hybrid, double mixed	.50
Grandiflora Brevipes. Dark rose	.35	French double mixed	.15
INULLA. 2 ft., Golden Beauty, new	.25	Fine single mixed	.15
Glandulosa Grandiflora. Golden yellow	.50	PYRETHRUM. Roseum. (Painted Daisy). Mixed	.10
Macrocephala. Tall, golden yellow	.15	Hybridum Single White	.15
Royleana. Large, deep yellow	.25	Hybridum, single, white, crimson, pink, each	.15
IRIS.		Double, select mixed	.25
Kaempferi (Japanese). Mixed	.10	RANUNCULUS (Giant Buttercup)	
Pseudacorus. Yellow	.15	Double French Hybrids. 1 ft.	.15
Sibericum. Snow Queen	.15	Asiaticus Superbissimus. 6 to 12 in.	.15
Large Flowering Hybrids	.25	Asiaticus Improved Palestine Strain	.35
ISATIS GLAUCA. 2 to 4 ft., yellow, (Woad) herb	.10	Giant Florentine. 2 ft., mixed	.35
LABURNUM. Vulgare (Golden Chain)	.10	ROMNEYA. 3 ft., white. (Tree Poppy)	.15
English and Scotch (Cytisus). Each	.10	RUDBECKIA. 3 to 4 ft. Purpurea (Cone Flower)	.10
LARKSPUR. See Delphinium.		See also Echinacea (Red Sunflower)	
LATHYRUS. Latifolius (Hardy Pea). Mixed	.10	Speciosa Newmanni. 3 ft., yellow	.15
White, rose, red, each	.15	SALVIA	
LAVENDULA (Sweet Lavender)	.10	Farinacea. Sky blue	.15
LILIUM. Regale (Regal Lily)	.50	Argentea. Silvery leaves, yellow flowers	.10
Martagon. Backhouse Hybrid	.50	Dichroa. 4 to 6 ft., blut and white	.35
LINUM. Perenne. Blue, white and mixed, each	.10	Patens. Rich sky blue and white, each	.25
(Perennial Flax)		Pratensis. Dark blue, 2 ft.	.35
LOBELIA CARDINALIS. 2 ft., scarlet	.25	SAXIFRAGA. Ten named varieties, each	.35
Hybrids, mixed	.50	SCABIOSA. 2 ft. (Mourning Bride). Hardy.	
LUNARIA (Honesty, Peterspence, Moon Wort, Satin Flower)		Caucasica. Soft lilac blue	.15
White, purple, crimson, variegated and mixed, each	.10	" Alba. Pure white	.35
LUPINUS (Lupins). 2 to 3 ft., fine mixed	.10	" Perfecta. Light blue	.25
Arboreus (Tree like). Golden yellow	.15	Japonica. 2 ft., lavender blue	.15
" Albus, pure white	.15	SCUELLARIA. 1 ft. Bailcalensis. Light blue	.35
" New Hybrids	.15	SENECIO. Clivorum. 4 to 5 ft., orange yellow	.25
Polyphyllus (many leaved), mixed	.10	Tanguticus. 6 to 7 ft., golden yellow	.50
" Moerhaime. Rose and white	.15	SHASTA DAISY. See Chrysanthemum.	
" Blue, rose, white, each	.15	SIDALCEA. 2 to 3 ft. Rose Queen	.15
Princess Juliana. Bright pink	.25	Rosy Gem. 4 ft.	.15
Downers Hybrids. Very fine	.25	Starks. English Hybrids	.35
Harkness Regal Mixture. Imported	.25	SILENE. Schafta. Trailing, rosy purple	.25
Belle of Huish. Copper yellow	.15	Fortunei. 2½ ft., bright rose	.25
Somerset. Soft yellow	.15	SOLIDAGO (Golden Rod). Canadensis	.15
Fairy Queen. Opens white, turns lavender	.15	STACHYS. Lanata. 1 to 1½ ft. (Wolly Betonia)	
Effective. Violet, yellow, white	.15	White wooly foliage, purple flowers	.10
Rod of Ivory. Long spikes ivory white	.15	STATICE. Perennial. Five named varieties, each	.15
Fine imported hybrids	.25	STOKESIA. Cyanea. 1½ ft. (Stokes Aster). Mixed	.25
LYCHNIS. Chalcedonica. Scarlet and white, each	.10	White, blue, each	.25
Haageana Hybrids. Mixed	.15	SWEET WILLIAM. See Dianthus.	
Viscaria Splendens. Crimson	.10	THALICTRUM (Meadow Rue).	
LYTHRUM. 2 to 3 ft. Salicaria Brightness	.25	Dipterocarpum. 4 ft., mauve	.25
Roseum Superbum. 4 ft.	.10	Adiantifolium. 18 in. fine foliage	.15
(Rose Loose Strife) rosy lilac.		Flavum. 2 to 4 ft., yellow	.15
MALVA MOSCHATA (Perennial Mallow). White and pink, ea.	.10	Glaucum. 2 ft., bronze yellow	.15
MATRICARIA. 2 to 3 ft. (Fever few)		Aquilega Folium. 1 to 3 ft., white flowers	.15
Capensis. Double white	.10	TRITOMA. 3 ft. (Flame Flower, Red Hot Poker) (Torch Lily)	
Eximea. 1 ft., double white	.10	Needs protection in winter climates.	
" Silver Ball, compact	.25	Uvaria Grandiflora. Red	.15
" Golden Ball, yellow, compact	.15	Hybrida Express	.25
MECONOPSIS. Integrifolia. Lemon yellow	.50	Hybrida Mirabilis, early	.25
Sinuata Latifolia. Pale blue	.35	TROLLIUS. 1 to 2 ft. (Globe Flower)	
Cambria (Welsh Poppy) Double yellow and orange	.35	Caucasicus. Orange globe	.25
MONTBRETIA. Crocosmiaeflora. Orange	.25	Europeus. Soft yellow	.15
MORINA. 3 to 4 ft. Longifolia (Whorl Flower)		Hybridus. Early varieties	.25
Pink to red shaded	.25	VALERIANA. 2 ft. (Garden Heliotrope) (Valerian)	
MYOSOTIS (Forget-me-not). Mixed	.10	Rose, red, white, scarlet and mixed, each	.10
Eight fine named varieties, each	.15	VERBASCUM. Phoeniceum. Hybrids, mixed	.10
NEPETA. Mussini. 9 in., bright blue	.25	Hybridum, Miss Willmott. White	.15
PAEONIA (Peony). Seed slow germinating.		Select large flowered Hybrids, mixed	.15
Officinalis. Single	.15	VERONICA. 1 ft. (Speedwell). Mixed	.10
Chinensis. Double mixed	.15	VIOLA. All Colors and kinds, each	.15
Moutan (Tree Peony). Double mixed.	.25		
PANSY. All colors and kinds, each	.15		
PAPAYER (Poppies). Perennial varieties, double mixed	.15		
Single Nudicaule (Iceland), mixed	.10		
Yellow, orange, scarlet, white, each	.10		
Sunbeam. Improved strain, mixed	.25		

We can supply every kind of seed. Ask for our list of Ornamental Grasses and Foliage Plants, Special List of Rock Garden Seeds, Complete List of Uncommon Annuals, List of Strawflowers and Statice, also Novelty Seeds of Freesia, Gladiolus, Peonies, Cactus, Water Lilies, Roses, and all greenhouse seeds, for growers.

# DULUTH FLORAL & SEED COMPANY

218 WEST SUPERIOR STREET

DULUTH, MINN.





Clarkia

### CLARKIA

Elegans Brilliant fl. pl. Rich crimson scarlet. Pkt., 10c;  $\frac{1}{4}$  oz., 30c  
 Elegans Salmon Queen fl. pl. Extra double salmon pink. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.  
 Elegans Double Mixed. All colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

### COLLINSIA BICOLOR

Deservedly popular hardy annual. Lilac and white flowers, ery attractive. Height, 9 inches. Pkt., 10c.

### COSMOS

As the result of continued selection for earliness and size this strain of Cosmos has been placed in a class by itself. The blossoms under ordinary field cultivation average 4 to 5 inches across, surpassing in size any of the late varieties. From seed sown in the open field the white blossoms in exactly sixty days, the pink in sixty-five days and the crimson in seventy days.

Extra Early Mammoth Flowering. White. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

Extra Early Mammoth Flowering, Pink. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

Extra Early Mammoth Flowering, Crimson. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

Extra Early Mammoth Flowering, Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### New Extra Early Flowering DOUBLE COSMOS

Ever since the introduction of the double Cosmos growers have been working to get this valuable flower in the early type and have at last succeeded in obtaining it in three separate colors, which we take great pleasure in introducing to you this year. They grow to a height of about three feet forming a perfect bush massed with bloom, bearing beautiful double flowers of good size on long stems. They come about seventy-five per cent double from seed. They bloom in seventy days from the day the seed is sown, so that seed

sown the latter part of April will easily be in bloom by the Fourth of July and continue until cut down by frost.

Extra Early Double Pink. Pkt., 25c.

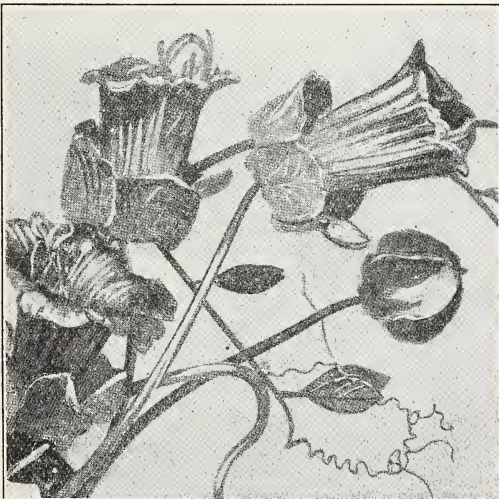
Extra Early Double White. Pkt., 25c.

Extra Early Double Crimson. Pkt., 25c.

Extra Early Double Mixed. Pkt., 15c.



Cosmos



Cobea Scandens

### COBEA

Scandens. Large, blue, bell-shaped flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

Scandens Alba. Pure white. Pkt., 10c;  $\frac{1}{4}$  oz., 45c.

Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

### COIX LACHRIMAE—JOB'S TEARS

This is frequently used as an old-fashioned remedy for sore throat, goiter, and teething babies. It is strung on a linen thread and worn around the neck as a chain. Pkt., 5c.

### COLEUS—FLAME NETTLE

Choice Mixed. The gorgeous foliage of many of these plants makes them very popular. Seed should be sown in very light compost early in spring. Transplant into flats when large enough to handle. They will do well in the open garden during the summer. Pkt., 25c.



**COMMELINA COELESTIS**

An attractive hardy perennial with glossy foliage and bright blue flowers. Blooms the first year from seed if sown early. Height, 18 inches. Pkt., 10c.

**COREOPSIS**

*Lanceolata Grandiflora.* Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**COSMIDIUM BURRIDGEANUM**

**Golden Yellow.** A half hardy annual growing about 1½ feet high something like a coreopsis. Fine for cutting. Pkt., 10c.

**CYPRESS VINE**

A very pretty annual climber with lace-like foliage, much after the manner of maidenhair fern, beautiful scarlet and white star-shaped flowers. **Quamoclit Mixed.** Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

**DAHLIAS**

One of the best summer and autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year from seed if sown early. **Coltness Hybrids.** A splendid new class of single Dahlias. Pkt., 25c each.

**Finest Double Mixed.** Seed saved from the finest named varieties. Pkt., 20c.

**Single Mixed.** All colors mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**DIDISCUS**

(Blue Lace Flower)

**Coeruleus.** This pretty and interesting annual blooms most profusely from July till November, also used extensively for early spring flowering in a cool greenhouse; their exquisite pale lavender blossoms are excellent for cutting. Plants grow about 18 inches high, and have as many as 50 flowers open at one time. Pkt., 15c.



Dahlia "Coltness Hybrids."



Cypress Vine

**CONVOLVULUS MAJOR—  
MORNING GLORY**

A beautiful annual climber, one of the most rapid growing climbers in cultivation, thriving in almost any situation.

**Mixed.** All colors mixed. Pkt., 5c; oz., 20c.

**Japanese Morning Glory.** Pkt., 5c; oz., 20c.

**DATURA**

A very showy annual, with large flowers.

**Wrightii.** Pure white in center, shaded with lilac and blue. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**DIMORPHOTHECA—  
AFRICAN GOLDEN DAISY**

**Eklonis.** A new plant from Egypt which seems destined to play a large part in garden and floral decorations. Not exceeding two feet in height it forms a strong growing compact bush with deep green spatulate leaves and bears large star-shaped pure white flowers up to 3½ inches across with a diminutive deep blue disk. Being borne on long stiff stalks these chaste and beautiful flowers should be as useful for cutting as they are decorative in the garden. Pkt., 35c.

**Aurantiaca.** A fine showy daisy from South Africa. Color, rich, glossy orange gold, with dark center. Sow seed in spring and they will bloom the greater part of the summer. Pkt., 5c;  $\frac{1}{4}$  oz., 40c.

**Aurantiaca Hybrids.** Extra fine new hybrids of the African Golden Daisy and similar in habit to the parent; flowers equally as large, but vary in color from orange, and rich salmon to deep shades of copper. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.





Dianthus Allwoodii

**DELPHINIUM (Perennial Larkspur)**

**Bellamosa.** A fine dark blue, same type as Belladonna. Very fine. Pkt., 25c.

**Bella Donna.** Cambridge blue, white center. Pkt., 25c.

**Blue Butterfly.** Very fine strain, clear blue, one of the best with fine feathery foliage. Pkt., 10c; ¼ oz., 30c.

**Cardinale, Brilliant Scarlet.** Pkt., 15c; ¼ oz., 50c.

**Formosum.** Dark blue with strong clusters of flowers. Pkt., 15c.

**Gold Medal Hybrids.** A splendid mixture. Pkt., 10c.

**Kelways Hybrids.** The very finest European strain. Fine range of colors. Pkt., 20c.

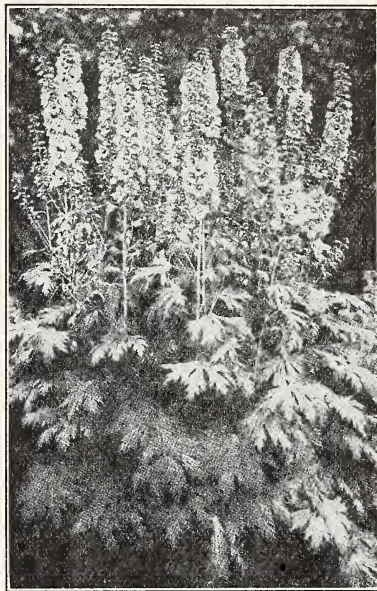
**DELPHINIUM SINENSIS OR CHINESE**

This is a perennial, but if planted in early spring it will bloom in August. Its foliage is small and it is 12 to 18 inches high, makes attractive bedding plant and a fine cut flower. Azure Fairy, Light blue, the shade of Belladonna. Pkt., 15c.

**Dark Blue (Liberty Larkspur).** Pkt., 15c.

**Blue Butterfly.** Height 12 in. Pkt., 15c.

**Mixed.** All colors. Pkt., 15c.



Delphinium

**DRACENA**

**Indivisa.** Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c.



Supurb Single Dianthus

**DIANTHUS OR PINKS****DOUBLE ANNUAL PINKS**

**Chinensis fl. pl.** Blooms in clusters, flowers very double. Pkt., 5c; ¼ oz., 25c.

**Nobilis fl. pl. (Double Royal Pinks.)** Of good size, and a beautiful assortment of colors. Pkt., 5c; ¼ oz., 25c.

**Diadematus fl. pl.** Extra fine double flowers in many showy colors. Pkt., 5c; ¼ oz., 25c.

**HARDY GARDEN PINKS**

**Allwoodii.** A new race of perpetual-flowering hardy garden pinks. They are perfectly hardy and very double, deliciously clove-scented and come in many colors. They flower continuously from spring until late Autumn. We have tried this variety in Duluth and it stands the winter well. Pkt., 25c.

**Plumaris fl. pl. (Double Hardy Garden Pink,** has nice large sized double flowers in beautiful colors. Pkt., 10c; ¼ oz., 50c.

**Latifolius Atrococcineus fl. pl. (Ever-blooming Sweet William.)** This is a cross between an annual Pink and Sweet William. Pkt., 10c; ¼ oz., 50c.





Ecchscholtzia—California Poppy

**DOLICHOS—HYACINTH BEAN**

A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods.

Daylight. Beautiful white flowers, followed by silvery seed pods.

Pkt., 5c; oz., 25c.

Darkness. Rich violet purple. Pkt., 5c; oz., 25c.

Mixed. All colors mixed. Pkt., 5c; oz., 25c.

**ESCHSCHOLTZIA**

California. Bright yellow. Pkt., 5c; oz., 25c.

Golden West. Yellow, with orange center. Pkt., 5c; oz., 25c.

Mandarin. Inside petals orange, outside scarlet. Pkt., 5c; oz., 40c.

Carmine King. Rich carmine, a splendid variety. Pkt., 5c; oz., 40c.

Hybrida Grandiflora Mixture. Novelty 1918. New large flowering erect type, containing a large percentage of new shades in Eschscholtzias and includes soft pink, scarlet, chrome copper red, claret and royal purple. Pkt., 10c; ¼ oz., 25c.

Best Mixed. Rich in shades of crimson, pink and orange scarlet. Pkt., 5c; oz., 30c.

**ECHINOPS RITO—  
GLOBE THISTLE**

Blue globe-shaped head, used for drying in winter. Pkt., 10c.

**ERYNGIUM—SEA HOLLY**

Large Lavender. Blue stems and brackets, hardy perennial, fine for winter bouquets. Pkt., 15c.

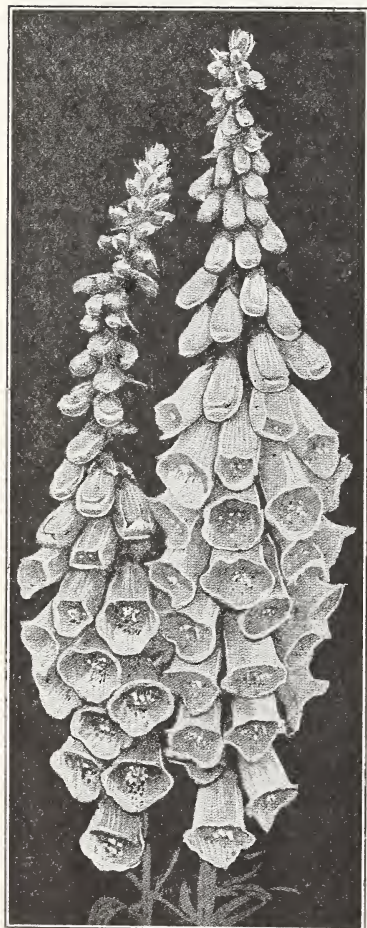
**EUPATORIUM**

Fraseri. Very large corymbs of pure white flowers which bloom in August and September. Pkt., 10c.

**EULALIA**

Japonica. A striped ribbon grass, very hardy. Pkt., 10c.

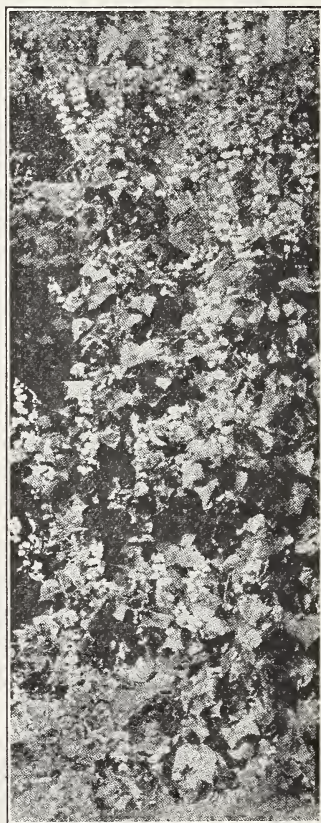
Euphorbia Variegata. (Snow on the Mountain). Pkt., 10c.



Digitalis or Foxglove

**DIGITALIS—FOXGLOVE**

All Colors Mixed. Pkt., 10c; ¼ oz., 25c.



Dolichos—Hyacinth Bean





Gaillardia

**GLADIOLUS (Seed)**

For its great richness and brilliancy of color of almost every shade, the Gladiolus is one of the most beautiful flowers in cultivation. Bulbs must be stored for the winter.

Seed, pkg., 25c. Bulbs, see page 59.

**GEUM**

**Mrs. Bradshaw.** Brilliant crimson scarlet, bearing large, showy double flowers; fine for cutting. Hardy perennial. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.

**Lady Stratheden.** Rich golden yellow, a counterpart in all other respects of the popular scarlet variety Mrs. Bradshaw. Pkt., 35c.

**FOR GLADIOLUS BULBS  
MANY FANCY VARIETIES  
SEE PAGE 59.**

**GALEGA**

(Goats Rue)

Very hardy perennial. Makes stout bush, plants well adapted for growing in a border. They are of graceful habit and bear an abundance of flowers on showy spikes.

Galega Mixed. Pkt., 10c.

**FORGET-ME-NOT**

(See MYOSOTIS)

**GAILLARDIA—BLANKET FLOWER**

**Picta Single Mixed.** All colors mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**Picta Lorenziana.** Fine double mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**Hardy Perennial Varieties**

**Newest Perennial Varieties.** Seed saved from all the best new large flowered perennials. Pkt., 10c;  $\frac{1}{4}$  oz., 50c.



Gladiolus





Geranium

**GERANIUM**

**Reputation Mixture.** A fine assortment of colors. Pkt., 15c.

**GYPHOPHILA—BABY'S BREATH**

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

**Elegans.** Pure white, compact, much improved habit.

Annual. Pkt., 5c; oz., 25c.

**Carminea.** A beautiful pink variety. Annual. Pkt., 5c; oz., 25c.

**Muralis.** A very pretty annual, thickly studded with little pink flowers from early in the season until frost. Pkt., 5c; ¼ oz., 25c.

**HARDY PERENNIAL VARIETIES**

(Baby's Breath)

**Paniculata.** A very hardy perennial, small single white flowers. Pkt., 10c; ¼ oz., 25c.

**Paniculata fl. pl.** The new double flowering Baby's Breath, smothered with dainty, double, white flowers, which when cut and dried are useful for table decoration in winter. Hardy perennial. Pkt., 25c

**Rokejeka.** A hardy perennial; tall, strong grower; delicate rosy pink flowers. (The Pink perennial Baby's Breath.) Pkt., 10c; ¼ oz., 25c.

**Repens.** A hardy creeping perennial Baby's Breath, suitable for rockwork. Pkt., 15c.



Gypsophila Paniculata (Double)





Helichrysum

## HELIANTHUS

(Sunflower)

The following is a careful selection of the best only of these useful border plants. They are also well adapted for a wild garden.

**Double Chrysanthemum Flowered.** Rich, golden yellow flowers, perfectly double, much like a Chrysanthemum. Pkt., 5c; oz., 25c.

**Red Sunflower.** Reselected, large, single red flowers, merging to yellow at tips of petals, very showy, height about 6 feet. Pkt., 10c.

**Rigidus.** (Harpalium.) One of the best of perennial sunflowers. Pkt., 25c; oz., \$1.00.

**Russian Mammoth.** Lb., 50c.

**Cucumerifolius.** This new Sunflower is worthy of a place in the annual garden. Flowers are rich golden yellow with brownish black center. Growing about three feet it makes a wonderful cut flower. Pkt., 5c.

## HEUCHERA—ALUM ROOT

**Sanguinea.** Very hardy perennial, beautiful coral red spikes of bloom. Pkt., 25c.

## GODETIA

Very attractive hardy annual, the bright flowers opening in the morning and closing in the evening. Very effective in the garden, and should be grown more extensively. Mixed All Colors. Pkt., 10c; ¼ oz. 20c.

## GOMPHRENA—GLOBE AMARANTH

A very fine bedding plant, the flowers resemble clover heads and can be dried and used in winter bouquets. All colors mixed. Pkt., 5c; ¼ oz., 25c.

## ORNAMENTAL GOURDS

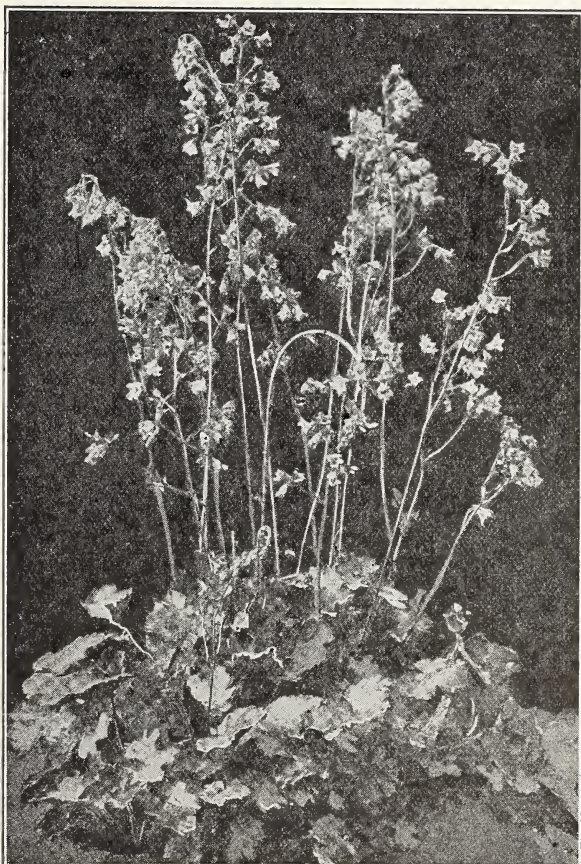
Mixed Varieties. Pkt., 5c; oz., 20c.

## HELICHRYSUM (Strawflower)

**Canary Yellow.** A fine shade of yellow. Pkt., 10c; ¼ oz., 30c.  
**Fireball.** Rich bright red. Pkt., 10c; ¼ oz., 30c.  
**Golden Globe.** Golden yellow. Pkt., 10c; ¼ oz., 30c.  
**Silver Globe.** Silvery white. Pkt., 10c; ¼ oz., 30c.  
**Crimson.** Rich dark red. Pkt., 10c; ¼ oz., 30c.  
**Violet.** Beautiful purple blue. Pkt., 10c; ¼ oz., 30c.  
**Rose Carmine.** Rich deep pink shades. Pkt., 10c; ¼ oz., 30c.  
**Salmon.** A beautiful shade. Pkt., 10c; ¼ oz., 30c.  
**Salmony Red.** A new shade of red. Pkt., 10c; ¼ oz., 30c.  
**Extra Fine Mixed.** All colors. Pkt., 5c; ¼ oz., 25c.

## HELIOTROPE—CHERRY PIE

Very fragrant, blue and white flowers, splendid for pots or gardens. Mixed. Pkt., 10c.



Heuchera Sanguinea





Helenium Bigelowi

HUNNEMANNIA

Fumariaefolia. Very often called The Bush Eschscholtzia. It is known also as the Santa Barbara Poppy, and it is sometimes called the giant Yellow Tulip Poppy. Sow early in spring in the open ground. Does not need transplanting. Flowers in profusion. Pkt., 10c.

HOLLYHOCKS

Tall, majestic, it shows itself above all other plants. Our seed is saved from Chater's best varieties. Sown in spring will produce strong plants the next year.

	Pkt.		Pkt.
White .....	\$0.10	Rose .....	\$0.10
Scarlet .....	.10	Yellow .....	.10
Maroon .....	.10	Crimson .....	.10

One packet each of above sorts for 50c.

Extra Choice Double Mixed. Pkt., 10c; ¼ oz., 40c.

Allegheny. Very large, wonderfully formed of loosely stranded, fringed flowers. All colors mixed. Pkt., 10c; ¼ oz., 30c.

Annual Semi-Double. All colors mixed. Pkt., 10c; ¼ oz., 30c.

Annual Single. All colors mixed. Pkt., 5c; ¼ oz., 30c.

HUMULUS (Japanese Hop)

Japonicus. A very fast growing annual climber, foliage much like the common hop, is very dense, and in color, a beautiful green. Pkt., 5c; ¼ oz., 25c.

Variegated. A variegated variety of above. Pkt., 5c; ¼ oz., 25c.

HELENIUM BIGELOWI

One of the most beautiful of hardy perennials. The flowers are a beautiful golden yellow with black center borne on long stems. It is very useful for decoration when cut and is a noteworthy addition to the perennial border. Sow the seed in June or July covering about one-quarter inch and transplant to permanent place when large enough to handle. Pkt., 25c.

HIBISCUS—MARSHMALLOW

Very hardy. A vigorous plant of easy culture, growing about 2 feet high with handsome flowers. They thrive in moist loamy soils and are very valuable for border planting. They are also very effective when planted on the banks of pools. Mallow Marvels. Mixed colors. Pkt., 5c; ¼ oz., 25c.

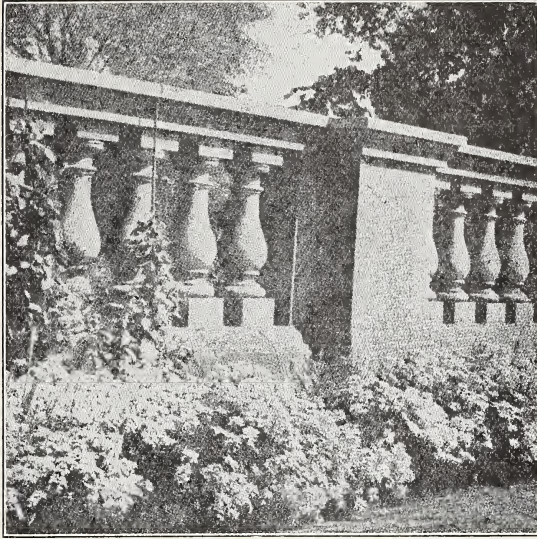
HONESTY

Early flowering hardy biennial, which will grow under trees. Chiefly prized for its shining silvery seed pods, which make a useful winter decoration when arrainged with the bright fruit pods of the Chinese lantern plant. Height, 2 feet. Pkt., 10c.



Hollyhock





Iberia (Perennial Candytuft)

**INULLA GLANDULOSA GRANDIFLORA**

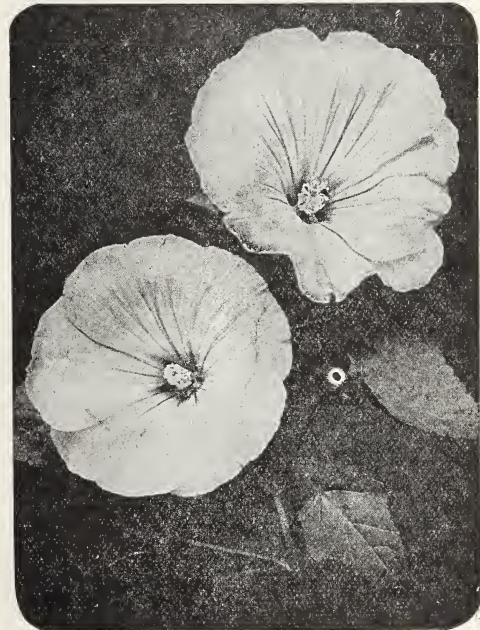
Large golden yellow hardy perennial. Very handsome, about 2 feet high. Pkt., 15c.

**IPOMEA**

**Grandiflora.** (Moonflower). A rapid growing annual climber. At night and during dull days the plants are covered with beautiful white blossoms; very fragrant. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**IRIS**

A beautiful class of hardy plants rivalling some of the choicest Orchids. All the varieties are perfectly hardy and are very suitable for flower borders and clumps. Their rich, delicate flowers make them very attractive. Their greatest merit is that they will succeed in any soil and any locality. Pkt., 25c.

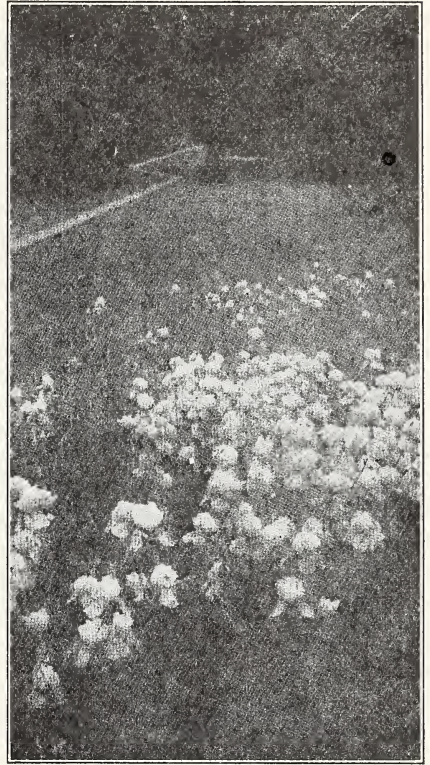


Lavatera (Annual Mallow)

**IBERIS**

(Perennial Candytuft)

**Gibratarica.** A hardy perennial, white shading lilac. Pkt., 10c.



Iris

**JACOEBA**

**Double Mixed.** A really beautiful free flowering hardy annual, producing dense heads of double flowers, which are largely grown for bouquets. Pkt., 10c.

**KOCHIA—MEXICAN FIRE BUSH**

**Trichophylla.** An annual of easy culture. 3 feet high with beautiful green foliage, which in the autumn will turn to a deep rich red. Pkt., 5c; oz., 15c.

**LANTANA**

**Hybrida Mixed.** Most elegant and showy. Quite a striking novelty in bedding plants, of as easy culture as Verbenas. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**LATHYRUS**

(Everlasting Sweet Pea)

**Latifolius.** A very hardy perennial climber, for covering old stumps, trees, etc. Pkt., 10c.

**LAVATERA**

(Annual Mallow)

**Rosea Splendens.** A beautiful showy annual; fine rose color. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

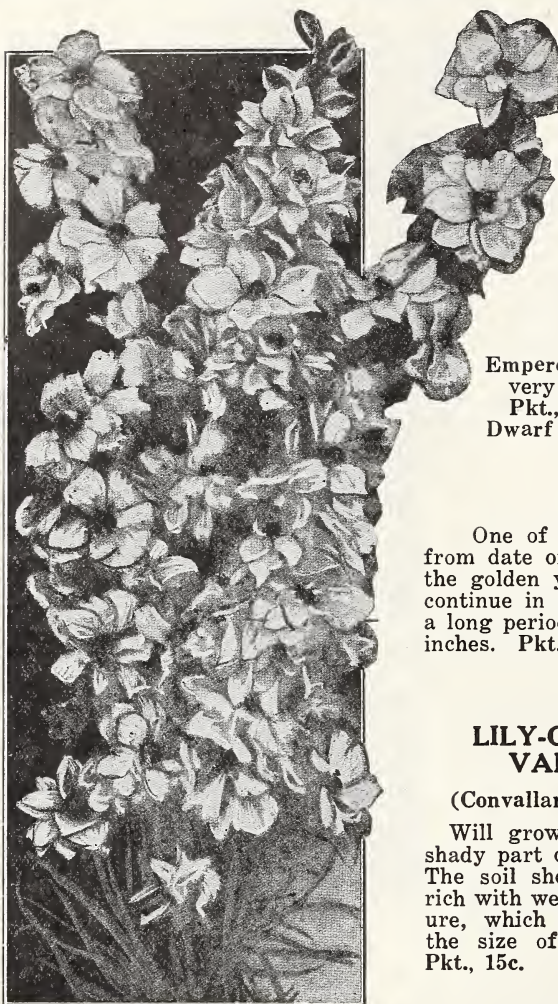
**Alba Splendens.** Large, white-flowered variety. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Mixed.** All colors. Pkt., 5c; oz. 20c.

**LAVENDER**

Well known, sweet scented perennial. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.





Annual Larkspur

**ANNUAL LARKSPUR**

Double Stock Flowered. Large beautiful spikes of double flowers.

	Pkt.
Dark Blue .....	\$0.10
Shell Pink .....	.10
Lustrous Carmine .....	.10
Pure White .....	.10
Rosy Scarlet .....	.10
Violet Queen .....	.10
Ageratum Blue .....	.10
Bright Rose .....	.10
Exquisite Pink .....	.10
Sky Blue .....	.10
Double Mixed. Pkt., 5c; oz., 25c.	

Emperor. (Delphinium Imperiale.) Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; oz., 50c.

Dwarf Rocket, Finest Double Mixed. Pkt., 10c; oz., 35c.

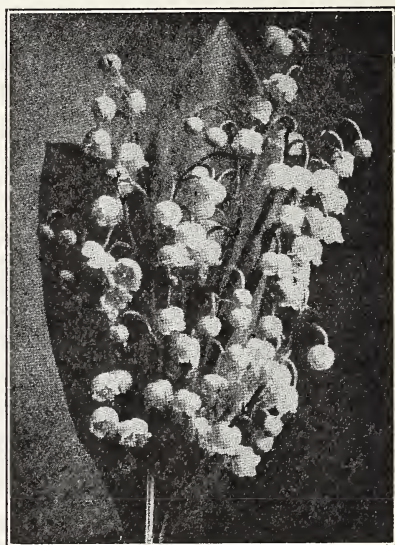
**LEPTOSYNE STILLMANI**

One of the quickest annuals, blooming within five weeks from date of sowing, and the golden yellow flowers continue in perfection for a long period. Height, 18 inches. Pkt., 15c.

**LILY-OF-THE-VALLEY**

(Convallaria Majalis)

Will grow well in any shady part of the garden. The soil should be made rich with well rotted manure, which will increase the size of the flowers. Pkt., 15c.



Lily of the Valley

**LINUM—FLAX**

(Scarlet Flax). A fine hardy annual with brilliant scarlet crimson flowers. Pkt., 10c.



Lobelia Crystal Palace Compacta

**LINARIA**

A very pretty annual, flowers pinkish mauve. About two feet high.

Finest Mixed Varieties. Pkt., 5c; oz., 40c.

**LOBELIA**

Crystal Palace Compacta. Rich deep blue, dwarf growing variety; the best for edging. Pkt., 10c; 1/8 oz., 50c.

White Lady. Pure white, dwarf and compact. Pkt., 10c.

Hybrida Sapphire. Deep sapphire blue with clear white eye, splendid for baskets. Pkt., 25c.

Gracilis. Trailing variety for hanging baskets. Light blue. Pkt., 10c; 1/8 oz., 50c.

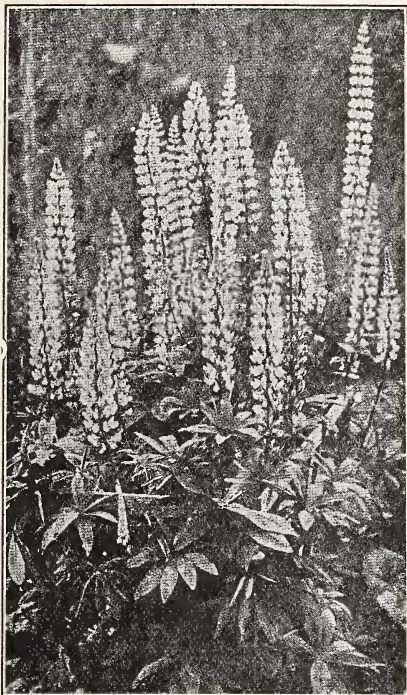
Cardinalis. Handsome border plant, crimson scarlet flowers. Hardy perennial. Pkt., 15c.

**MATTHIOLA**

Also known as Stock, or Gilliflower

Bicornia. (Evergreen Scented Stock.) A very old-fashioned garden favorite. Flowers dull purplish lilac. Very fragrant, especially in the evening. Pkt., 5c; oz., 25c.





Lupins

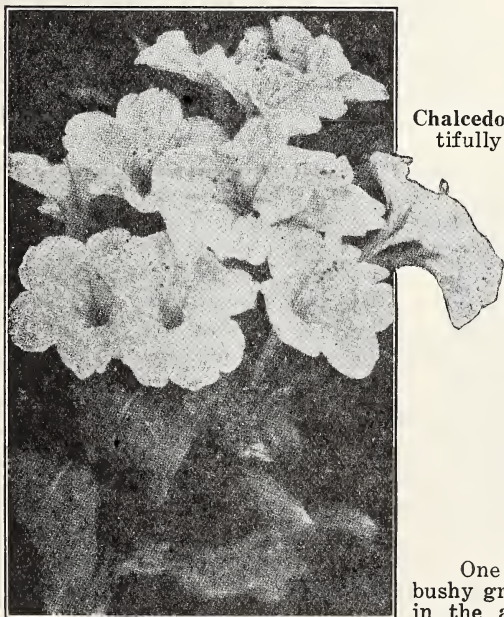
Effective. Perennial. Violet, yellow and white. Pkt., 15c.  
 Rod of Ivory. Perennial. Long spikes of ivory white flowers. Pkt., 15c.

### MATRICARIA

There are perennials in mild climates, but in our latitude are treated best as biennials or annuals.

Capensis. (Feverfew). Small double white, adapted for cutting and bedding. Pkt., 10c.

Golden Ball. Of compact habit, very striking double yellow flowers. Pkt., 10c.



Mirabilis (Four O'Clock)

### LUPINS

Tall Annual. All colors mixed. Pkt., 5c; oz., 30c.

Dwarf Annual. All colors mixed. Pkt., 5c; oz., 30c.

Douglasi. A very hardy perennial, various shades of rose, purple, and white. Flowers the first year from seed. Pkt., 10c; ¼ oz., 25c.

Hartwegii Roseus. A very fine pink annual Lupin. Deep rose pink. Pkt., 10c.

Luteus Romulus. A very good yellow annual lupin. Fine flower. Pkt., 10c.

Polyphyllus Blue. Hardy perennial, deep shade of blue. Pkt., 10c; ¼ oz., 25c.

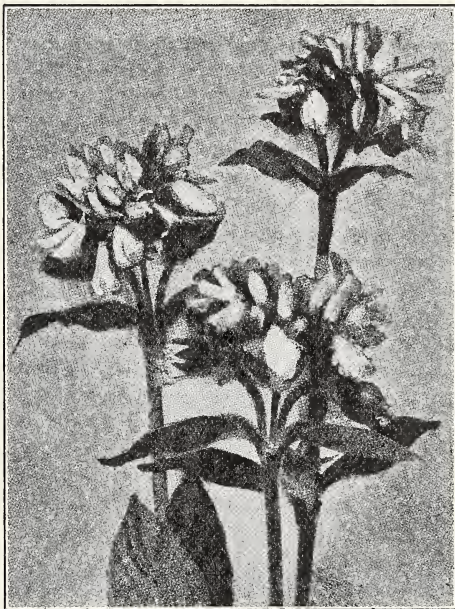
Polyphyllus Moerheime. A very beautiful new introduction growing two to three feet high, much more compact and erect than the true polyphyllus forms. Color bright pink, rose to white. Without doubt it is the best variety that exists. Hardy perennial. Pkt., 15c.

Belle of Huish.

Perennial, a very fine coppery yellow. Pkt., 15c.

Somerset. Perennial. Soft yellow. Pkt., 15c.

Fairy Queen. Perennial, Opens white, turns to lavender pink. Pkt., 15c.



Lychnis

### LYCHNIS—JERUSALEM CROSS

Chalcedonica. Sometimes called Maltese Cross. Flowers beautifully scarlet, fine for massing. Pkt., 10c; ¼ oz., 25c.

Chalcedonica, Salmon Queen. A very pretty salmon pink variety. Pkt., 15c; ¼ oz., 35c.

### MECONOPSIS INTEGRIFOLIA

Hardy yellow Poppy from Thibet. The flowers are of a beautiful soft clear shade of primrose yellow and as large as a peony. Pkt., 25c.

### MIMULUS

Tigrinus. (Monkey Flower.) Dwarf bushy plants, with large Gloxinia-like flowers. Fine assortment of colors, handsomely blotched and striped. Extra choice mixed. Pkt., 25c.

Moschatus. (Musk Plant.) Fine for hanging baskets or garden; small yellow flowers, foliage sweetly scented. Pkt., 15c.

### MIRABILIS—MARVEL OF PERU

(Four O'Clock)

One of the old favorite annuals; an old fashioned plant of bushy growth. The flowers which are produced in clusters, open in the afternoon and wither the next morning. All colors mixed. Pkt., 5c; oz., 25c.





Nemesia Compacta Blue Gem.

**MARIGOLD****FRENCH VARIETIES**

**Gold Star.** Very double, maroon, striped golden yellow.

Extra fine selection. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Legion of Honor.** Bright yellow flowers, with large brown spots.

Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Double Mixed.** Pkt., 5c.



African Marigold

**MARIGOLD****TALL AFRICAN VARIETIES**

**Lemon Ball.** Extra double, with soft lemon flowers.

Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Orange Ball.** Deep, rich, golden orange color bearing fine double flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Finest Mixed.** All colors mixed. Pkt., 5c; oz., 50c.

**DWARF AFRICAN VARIETIES**

**Yellow.** Dwarf and compact. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Orange.** A fine dwarf, deep golden orange color. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Choice Mixed.** All colors mixed. Pkt., 5c; oz., 50c.

**NEMESIA**

**Blue Gem.** Very dwarf and compact. Pkg., 25c.

**Dwarf Compact Hybrids.** This is a special selection of improved habit, compact bushes 9 inches in height, great variety of improved colors and very free flowering. Choice mixture of colors. Pkt., 15c.



Mignonette

**MESEMBRYANTHEMUM**

**Crystallinum.** (Ice Plant.) Dwarf trailing annual flowers white, with icy foliage. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**MIGNONETTE**

**Allen's Defiance.** Reselected stock, large flower spikes, good keeper and very fragrant. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Goliath.** A very strong, compact grower, rich green foliage; useful for cutting. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Machet.** Extra select, fine for pot culture. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

**Golden Machet.** Very fine golden variety, extra selected stock, very fine large spikes. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Special Mixture.** Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**MOONFLOWER (See IPOMEA)****MORNING GLORY (See CONVULVULUS)**



**MYOSOTIS—FORGET-ME-NOT**

**Alpestris Blue.** Rich deep blue. Pkt., 10c; ¼ oz., 40c.  
**Victoria.** Improved dwarf, compact, with large flowers blooming in clusters. Pkt., 15c; ½ oz., 50c.  
**Alpestris Mixed.** Pkt., 10c; ¼ oz., 35c.  
**Alpestris Victoria Rose.** A very beautiful pink variety. Strong upright plants very free flowering. Pkt., 20c.



Nasturtiums

**REPUTATION NASTURTIUMS**  
**TOM THUMB, DWARF OR BED-DING VARIETIES**

**Chameleon.** Different colored flowers on one plant. Pkt., 10c.  
**Cloth of Gold.** Yellow foliage, scarlet flowers. Pkt., 10c.  
**Empress of India.** Crimson, dark foliage. Pkt., 10c.  
**Golden King.** Golden yellow, dark foliage. Pkt., 10c.  
**King of Tom Thumb.** Scarlet, dark foliage. Pkt., 10c.  
**Extra Fine Dwarf.** All colors mixed. Oz., 15c.  
**TALL OR CLIMBING VARIETIES**  
**Extra Tall Mixed.** Oz., 15c.  
**TRAILING VARIETIES**  
**Trailing Tom Pouce.** All colors mixed. Pkt., 15c.

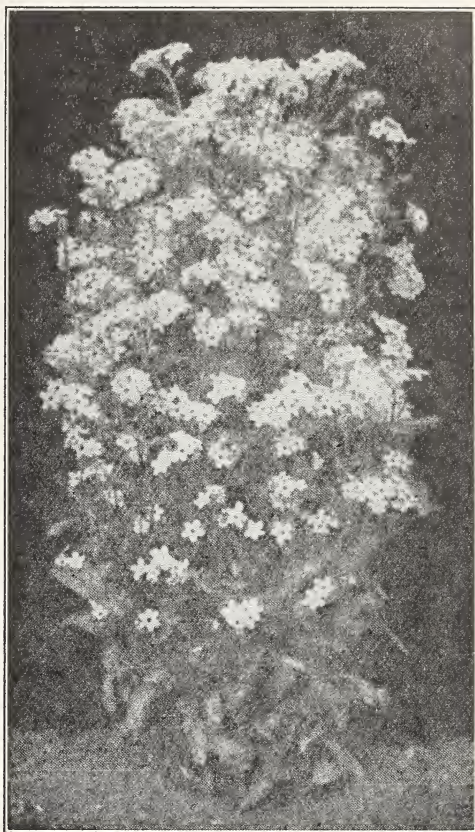
**OENOTHERA**

(Evening Primrose)

**Bistorta Veitchiana.** A beautiful dwarf golden yellow, will do well if grown in the full sun. Pkt., 10c.

**NEMOPHILA—BABY EYES**

**Insignis Blue.** A popular plant for pots or borders. Pkt., 10c.  
**Mixed, All Colors.** Cup-shaped flowers in many bright colors, the blue shades being particularly attractive. Pkt., 10c.



Myosotis



Oenothera (Evening Primrose)





### NIGELLA

(Love in a Mist)

*Hispanica*. Dwarf, light blue.

Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

*Mrs. Jekyll*. True bright cornflower blue. A color seldom seen in annuals.

Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

### NICOTIANA

*Affin.* (Tuberose-flowered Tobacco.) Sweetly scented remarkably long white flowers. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

*Sanderae*. Crimson King.

Very handsome. Pkt., 25c.

### REPUTATION PANSIES

*Reputation Bronze*. Very large, all of different



*Nicotiana Sanderae*.

### PEONY SEED

Large Flowered Hybrids.

Pkt., 15c.

**PINKS (See DIANTHUS)**

### Nigella

shades from burnished brass to gold. Wonderfully tinged with nearly every color known to pansies. Pkt., 15c.

*Reputation Prince Henry*. A splendid dark blue Pansy of immense size. Pkt., 20c.

*Madame Steel*. Elks Purple. Beautiful deep purple, very large flower. Pkt., 15c.

*Reputation Madame Perrett*. A beautiful and distinct type with edges of petals frilled—bordered white, colors dark wine, pink and red. Pkt., 15c.

*Reputation Parisian Yellow*. A pure yellow of the grandest form and size. Pkt., 15c.

*Reputation Grand Duke Michel*. White, very large. Pkt., 15c.

*Reputation Special Mixture*. A fine assortment of colors. Pkt., 25c.

*Reputation Mixture*. Pkt., 10c.

Tufted Pansies. See *Viola*.

Large Flowered Hybrids.

Pkt., 15c.



*Mastodon Pansy*



**PHACELIA**

Very showy hardy annual bright blue bell-shaped flowers. One of the earliest annuals to bloom and lasts in perfection a long time. Height, 9 inches. Pkt., 15c.

**ANNUAL PHLOX DRUMMONDII****Large Flowering Varieties**

(Phlox Drummondii Grandiflora)

Alba. Snow white. Pkt., 10c.

Carnea. Pale blush pink. Pkt., 10c.

Chamois Rose. Beautiful rose pink. Pkt., 10c.

Cuspidata. Star-shaped flowers. Choice mixed. Pkt., 10c; ¼ oz., 50c.

Grandiflora. Splendid mixed. Pkt., 10c; ¼ oz., 35c.

**Large Flowering Dwarf Varieties**

(Grandiflora Nana Compacta)

Chamois Rose. Beautiful deep rose. Pkt., 10c.

Fireball. Dazzling scarlet. Pkt., 10c.

White. Very large, pure white. Pkt., 10c.

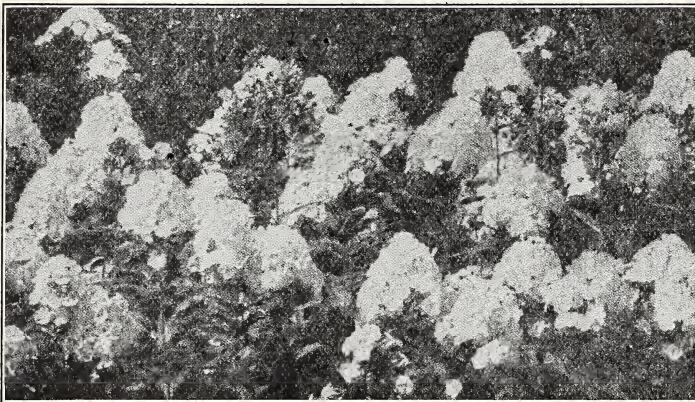
Choice Mixed. All colors mixed. Pkt., 10c; ⅓ oz., 25c.



Phlox Drummondii

**Polemonium  
Coeruleum—  
Jacob's  
Ladder**

A very hardy perennial, bell-shaped blue flowers. Pkt., 10c.



Perennial Phlox

**Hardy Perennial  
Phlox  
(Seed)**

Choice Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering they will produce a second supply of flowers, thus continuing un-

til late in the autumn. Pkt., 10c.

New Hybrids. Containing the new fine sweet colors, extra large flowers, splendid mixture. Pkt., 25c.

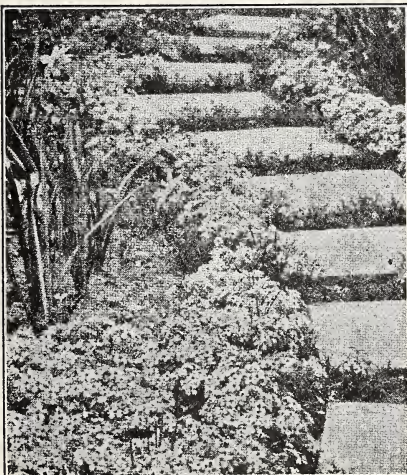
**PENTSTEMON**

(Beard Tongue)

A very hardy border perennial, useful for cutting. Good hardy border species. Pkt., 10c.

**PHYSALIS—CHINESE LANTERN PLANT**

Plant in a warm, sunny situation, about 18 inches apart. Francheti. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange scarlet lantern-like fruit. Highly interesting. Pkt., 10c.



Dwarf Phlox

**SPENCER SWEET PEAS**

See Page 10



## REPUTATION PETUNIAS

### Reputation Fluffy Ruffles

A good Mixture of pleasing shades finely fringed and ruffled. Pkt., 50c.

### Single Bedding Petunias

**Grandiflora Fimbriata.** This is one of our special strains of large flowered Single Petunias, of very large size, beautiful shape; a fine collection of colors. Pkt., 25c.

**Compacta Rosy Morn.** A fine bright rosy pink. Pkt., 10c.

**Compacta Snowball.** Large waxy white flowers. Pkt., 10c.

**Elks Pride.** Immense size. Color blackish purple. Pkt., 35c.

**Hybrida.** Finest mixed. Pkt., 10c;  $\frac{1}{8}$  oz., 40c.

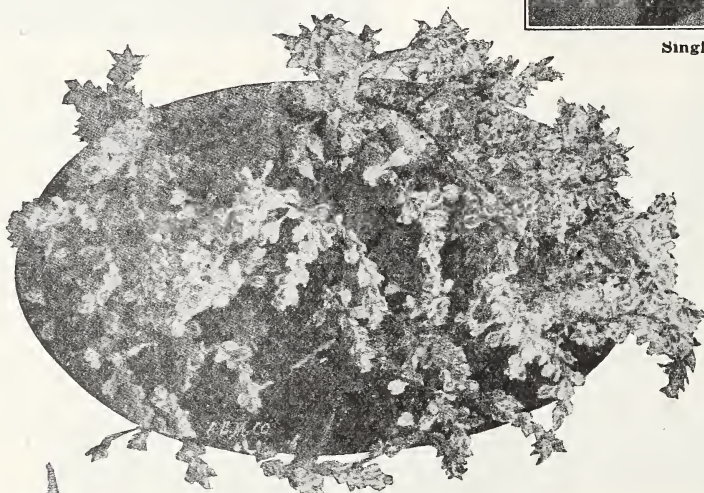
### Petunia Grandiflora Double Varieties

**Fl. Pl. Extra Choice Double.** This is calculated to produce about 25% double flowers. Specially fine strain Pkt., 35c.

**Fimbriato fl. pl. Extra choice double, mixed.** Pkt., 50c.



Single Petunia



Polygonum

## PHYSOSTEGIA

**Mixed.** One of the most beautiful of our mid-summer flowering perennials forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. Pkt., 25c.

## POLYGONUM COMPACTUM

A hardy perennial. Fine for hardy borders. Produces its white flowers in great profusion; compact bushes, about one and a half feet high. Very strong growing, and will do well where nothing else will thrive. Pkt., 10c.

## PRIMROSE (ENGLISH)

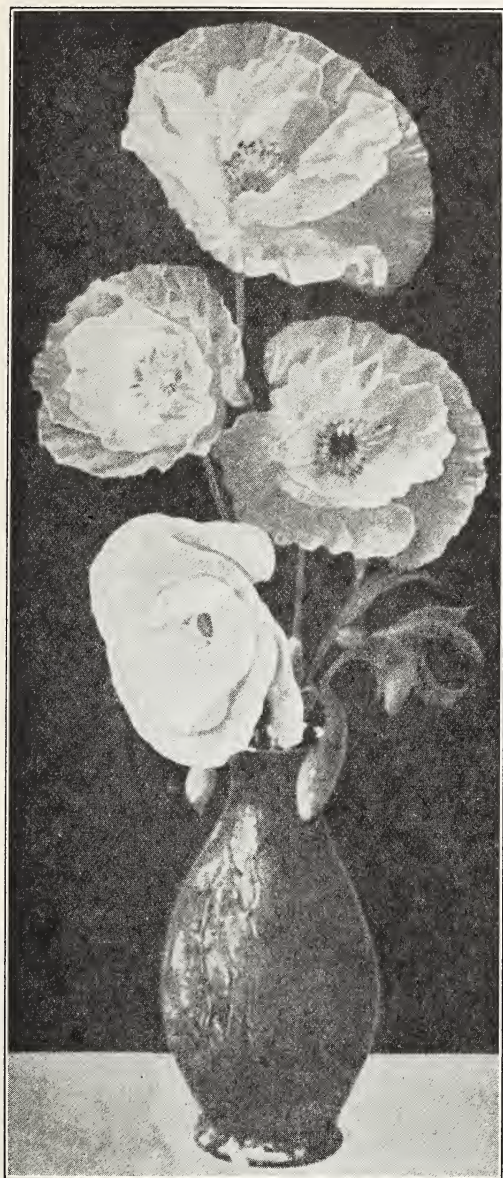
**English Primrose.** A fine variety of English Primrose. Very hardy. Pkt., 25c.



Physostegia

**PLATYCODON**—See Page 20.





Selected Shirley Poppy

### ANNUAL DOUBLE POPPIES

The Double Poppies require much the same treatment as the single varieties.

**White Swan.** Pure white, double, beautifully fringed, selected stock. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Carnation Flowered.** Splendid double fringed flowers, special strain. Pkt., 5c; oz., 30c.

**Peony Flowered.** Large, showy, double globular flowers, resembling a double Peony.

Mixed. Pkt., 5c; oz., 25c.

### ANNUAL VARIETIES

**Shirley Poppy Queen.** Double. A new double variety of the old Shirley poppy. Most delicate and brilliant colors. The flowers are large and very double, which make a beautiful show in the garden, or when used as a cut flower. Pkt., 15c.

**Poppy Eldorado.** The New Double Shirley Poppy. The most beautiful strain of annual poppies. In general shape and character of growth very much like the common Shirley Poppy, only double. The color is a beautiful shade of pink. Pkt., 15c.

**American Legion.** This new single Shirley is a dazzling orange scarlet of enormous size, borne on long stout stems. The plants are of very erect robust growth. Pkt., 15c.

**The Shirley.** The finest mixed, Watkins & Simpson's strain, very fine colors. Pkt., 5c; oz., 30c.

**Tulip Poppy.** (*Papaver Glaucum*.) Vivid scarlet, very free flowering; resembles a Tulip. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.



Giant Double Poppy



## REPUTATION SUNBEAM POPPIES

A new race of perennial poppies, resembling the well known Iceland Poppy, but in length of stems, size of flower and robust habit they are so much in advance as to justify their being considered new and distinct. Flowering from May till October they are ideal plants for hardy border or bedding work, and as cut flowers they will be used as freely as Sweet Peas. Award of Merit Royal Horticultural Society of England. Pkt., 35c.

## ICELAND POPPIES

(Papaver Nudicaule)

Double White. Pure white, selected stock. Pkt., 10c.

Double Yellow. Fine golden yellow. Pkt., 10c.

Double Orange. Beautiful orange scarlet. Pkt., 10c.

Double Mixed. Extra choice. Pkt., 10c;  $\frac{1}{8}$  oz., 50c.

Choice Mixed. Very showy colors. Pkt., 10c;  $\frac{1}{8}$  oz., 40c.

## HARDY PERENNIAL POPPIES

Papaver Orientale. Very large and brilliant. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

## ORIENTAL POPPY, PRINCESS VICTORIA LOUISE—

Perennial Poppy

A beautiful Salmon Pink variety which retains all the strong growing habits of the old-fashioned red varieties. Pkt., 25c.

## PYRETHRUM—PINK DAISY

Single Hybrids. Choice mixed. Pkt., 10c.

Finest Double Hybrids. Choice double mixed. Pkt., 15c.

Aureum. (Golden Feather.) Yellow foliage. Pkt., 10c.



Iceland Poppy

## RHODANTHE

(Swan River Daisy)

A charming everlasting flower, fine for winter bouquets. Pkt., 5c;  $\frac{1}{4}$  oz., 30c.



Double Pyrethrum



Large-flowered Single Pyrethrum





Portulaca

### PORTULACA— MOSS ROSE

Grandiflora. Single mixed.

Pkt., 5c;  $\frac{1}{4}$  oz., 20c.

Grandiflora. Double mixed.

Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

### RICINUS—CASTOR OIL BEAN

Very handsome and distinct new varieties, very large ornamental foliage, with distinct mid-ribs.

Sanguineus. Blood red stalks and clusters of red fruit.

Pkt., 5c; oz., 20c.

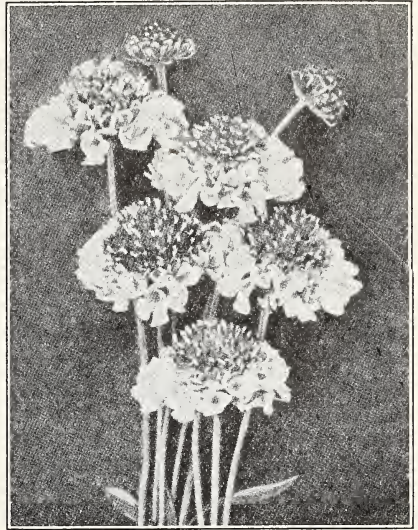
Zanzibariensis. Finest mixed.

Pkt., 5c; oz., 20c.

Mixed Varieties. All colors mixed. Pkt., 5c; oz., 15c.

### SCABIOSA (Mourning Bride) LARGE FLOWERED DOUBLE

Azure Fairy. A lovely new color, rich pale blue almost the same shade as the lovely perennial Scabiosa Caucasia; very large flower,



Scabiosa Caucasia

### POLYANTHUS—PRIMROSE

Extra Choice Mixed Hybrids

Fine large flowers, very effective in the spring garden, much like the old-fashioned primrose only it flowers in bunches. Pkt., 25c.

### RUDBECKIA (Cone Flower)

Bicolor Superba. Fine free flowering annual, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. Pkt., 10c.

Purpurea (Giant Cone Flower.) A handsome hardy perennial Pkt., 10c.

wil prove a valuable addition to the large flowered Scabiosa. Pkt., 10c;  $\frac{1}{4}$  oz., 35c. Mixed. All colors. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

### HARDY PERENNIAL SCABIOSA

Caucasica. Soft lilac blue. A very handsome perennial, about 2 feet in height. Pkt., 15c;  $\frac{1}{8}$  oz., 40c.

### ROMNEYA (Tree Poppy)

A California Tree Poppy is a somewhat shrubby plant with glorious white flowers which remain open for many days, and are borne numerous on the branching stems. Pkt., 10c.

### SALPIGLOSSIS—PAINTED TONGUE

Emperor. This is the leading variety, extra choice mixed. Pkt., 10c;  $\frac{1}{8}$  oz., 50c.

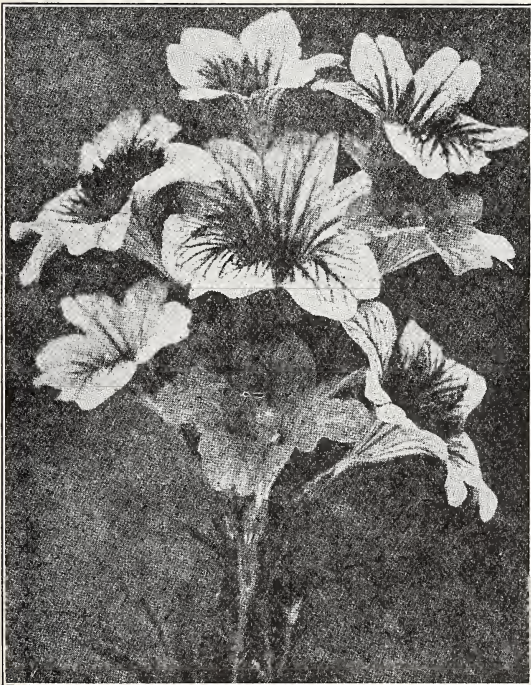
### SALVIA (Scarlet Sage)

A handsome bedding plant producing a continuous display of rich scarlet flowers from early summer to late autumn. The Salvia should be planted freely in borders and beds.

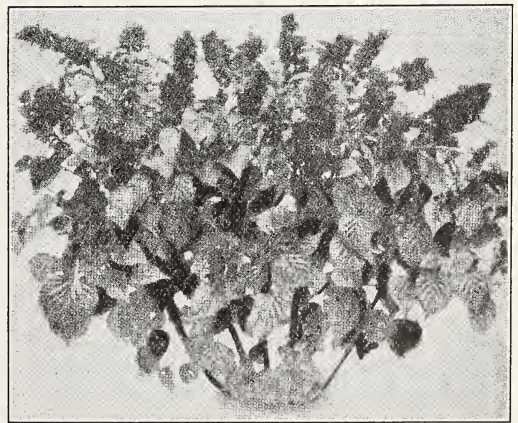
Splendens. A very fine variety of scarlet sage.

Pkt., 10c;  $\frac{1}{8}$  oz., 50c.

Fireball. A very fine variety, dwarf, compact habit and beautiful scarlet shade. Pkt., 15c;  $\frac{1}{8}$  oz., 75c.



Salpiglossis



Salvia



### SCARLET RUNNER BEANS

An ornamental climber with bright scarlet sprays of pea-shaped blossoms, which are succeeded by delicious edible beans. Oz., 5c.

### STATICE

**White.** Splendid annual, useful when dried for bouquets in winter. Pkt., 10c.

**Latifolia.** Beautiful lavender flowers, useful for drying for winter decoration. Pkt., 10c.

**Caspia.** Latifolia type but smaller and more graceful (new). Pkt., 15c.

**Soworowi.** An annual statice which has attracted considerable attention in recent years, and is much in demand in England where it is a prominent feature of the florists stores. Seed may be sown outdoors in the early spring. Pkt., 15c;  $\frac{1}{4}$  oz., 25c.

**Sinuata Yellow (Bonduelli).** The plants grow 18 to 20 inches high and bloom freely during the summer. The small flowers bloom in clusters. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Sinuata Blue.** A very pretty annual with bright blue flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Sinuata True Blue. (New).** Rich Navy Blue. Very fine. Pkt., 15c.

**Sinuata Rosa Superba. (New).** A new shade of these favorite everlasting flowers, one that goes well with the blue and yellow varieties. Pkt., 15c.

**Incana (Silver Cloud.)** A very fine plant for the



Stokesia

perennial border. The freely branching stems carry innumerable small pearly-white flowers, which present a cloud like appearance. Very useful for bouquets and winter decoration. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.  
**Sinuata Mixed.** All colors mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

### STOKESIA

**Cyanea.** A beautiful native plant growing 18 inches high, bearing freely from early June until September its handsome lavender blue and white cornflower-like blossoms, which measure from 4 to 5 inches across, succeeding in an open sunny position. Pkt., 25c.

### SIDALCEA—ROSE QUEEN

Handsome perennial producing miniature hollyhock-like spikes of a pretty clear rose shade. Height 4 ft. Pkt., 10c.

**Rosy Gem.** A very fine pink variety. Pkt., 10c.

**Starks Hybrids.** Pkt., 25c.

### SILENE ARMERIA

Large heads of intense rose flowers which are spice-scented. Fine for cutting. Height 18 inches. Biennial. Pkt. 10c.

### SNAPDRAGON

See Antirrhinum, page 17.

### SHASTA DAISY

See Chrysanthemum, page 22.

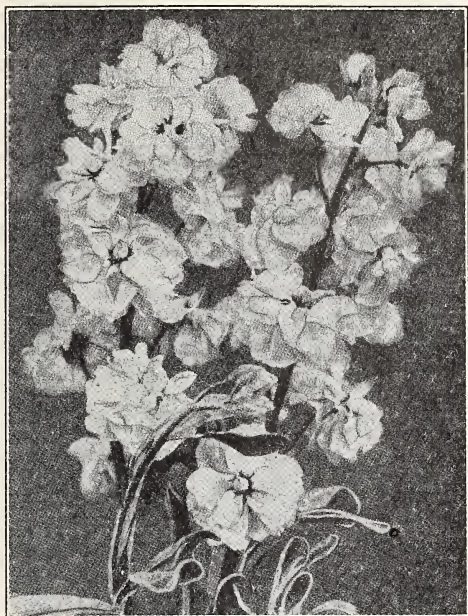
### SUNFLOWER

See Helianthus.



Sidalcea Starks Hybrids.





Stock—Ten Weeks

**TRITOMA**

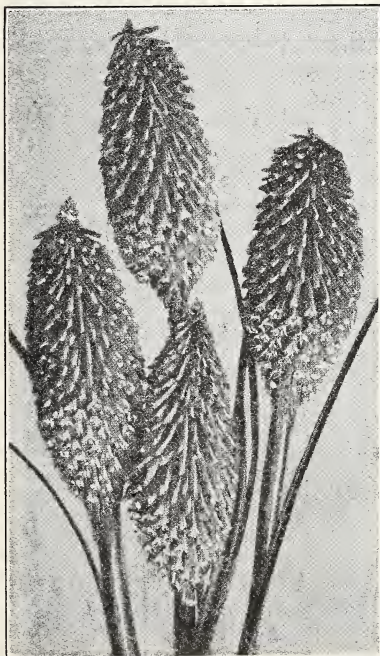
(Flame Flower or Red Hot Poker)

Semperflorens. A fine hardy perennial. Pkt., 10c.

**TROLLIUS CAUCASICUS**

(Globe Flower)

A hardy perennial yellow globe shaped flower sometimes called Golden Ball. Flowers early in the spring. The plant is about two feet high and is covered with blooms. Pkt., 15c.



Tritoma—Red Hot Poker

**REPUTATION STOCKS****Large Flowered Dwarf Ten Weeks Stocks**

Mixed. Large flowering double mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 60c.

**Cut and Come Again**

Perpetual blooming sort, begin to flower in July and continue until frost.

Mixed. All colors. Pkt., 5c;  $\frac{1}{4}$  oz., 50c.

**SWEET PEAS—(See pages 3 and 4)****SWEET WILLIAM**

Double Mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

Single Mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

Annual Mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 25c.

Pink Beauty. A beautiful shade of pink. Pkt., 10c.

Scarlet Beauty. A charming scarlet shade. Pkt., 10c.

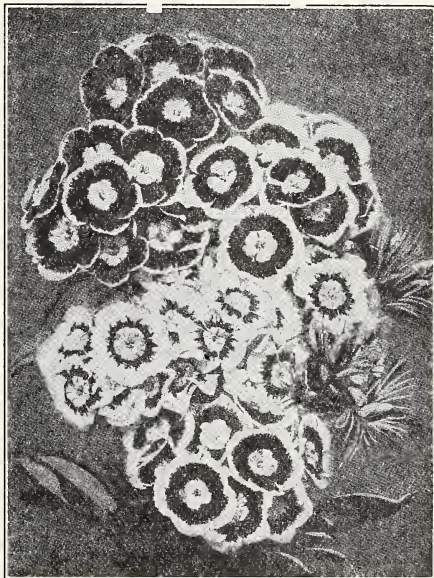
**THUNBERGIA**

(Black-eyed Susan)

Beautiful rapid growing annual climber, do well in a sunny position. All colors mixed. Pkt., 5c.

**TRACHELIUM**

A free growing annual having large cloud-like heads of tiny blue flowers. Height about 18 inches somewhat resembling Gypsophilla. Pkt., 15c.



Sweet William

**TAGETES**

Signata Pumila. A dwarf, bushy, compact annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden yellow; a first class border plant. Pkt., 5s;  $\frac{1}{4}$  oz., 30c.

**SCHIZANTHUS**

The Poor Man's Orchid. 1 foot. Neat pyramidal bushes covered with a multitude of small butterfly-like flowers of the most brilliant and striking color designs. Pkt., 10c.

**VIOLET**

The Czar. Very sweet-scented. Pkt., 10c.

**WILD CUCUMBER**

One of the fastest growing vines, useful for covering old tree stumps, unsightly fences and buildings. Pkt., 5c; oz., 25c.

**XERANTHEMUM**

One of the prettiest of the everlasting flowers, useful for bouquets in winter when dried.

Double Mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 20c.





Mammoth Verbena

**VERONICA—SPEEDWELL**

Very effective and showy border plant, hardy perennial. Pkt., 10c.



Veronica

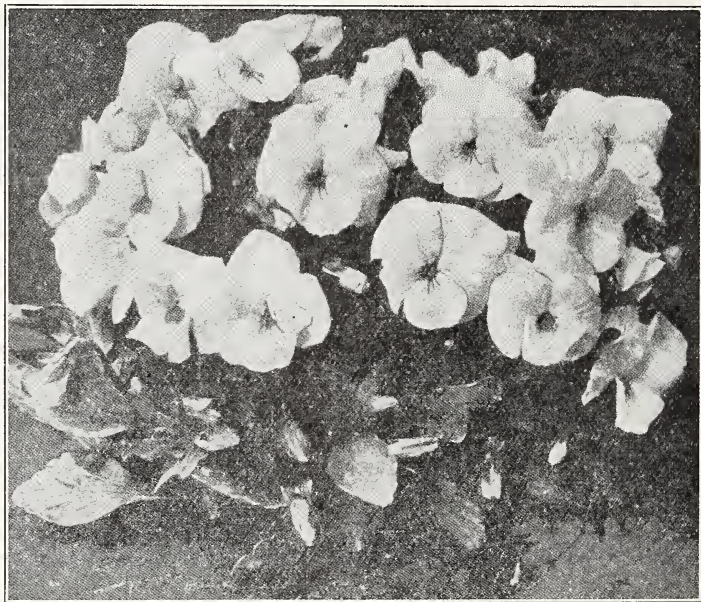
**REPUTATION MAMMOTH VERBENAS**

Defiance. True scarlet. Pkt., 10c.  
 Mayflower. Beautiful pink. Pkt., 10c.  
 White. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.  
 Blue Shades. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.  
 Pink Shades. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.  
 All Colors Mixed. Pkt., 5c;  $\frac{1}{4}$  oz., 35c.  
 Lemon Verbena. (See page 14.)

**VIOLA—TUFTED PANSIES**

Violas are more hardy than Pansies, both as regards to their resistance to intense frost and the heat of the summer. They form dense tufts of numerous wiry stems, a habit which has lead to their being designated Tufted Pansies. Our strain is very compact, free flowering, mixed colors, very showy. Fine for bedding.

Blue Perfection. A very fine variety, beautiful blue. Pkt., 15c.  
 White Perfection. Same as above only white. Pkt. 15c.  
 Lord Nelson. (New). Glowing violet purple, long stems, continuous bloomer. Very fine. Pkt., 25c.  
 Apricot. Apricot yellow tinged orange, a very fine and distinct variety. Pkt., 25c.  
 All Colors Mixed. Pkt., 25c.



Giant White Viola

**VERBASCUM PHOENICIUM**

One of the prettiest species of Verbascum. The slender stems rise about two feet high carrying numerous flowers in various colors, including white, pink, pale blue, mauve and purple. Hardy perennial. Pkt., 10c.

**WALLFLOWER**

Well known half hardy perennial, very fragrant, very much used in the old-fashioned garden.  
 Tall Branching Double Mixed. Perennial. Pkt., 10c.  
 Parisian French Forcing. Single annual mixed. Pkt., 10c;  $\frac{1}{8}$  oz., 20c.



**VISCARIA**

Profuse-blooming hardy annual, very telling masses. Height about one foot.

**Tom Thumb.** Beautiful blue variety. Pkt., 25c.

**Cardinalis.** Fine brilliant crimson. Pkt., 10c.

**Dunnetti.** A beautiful pink variety. Pkt., 10c.

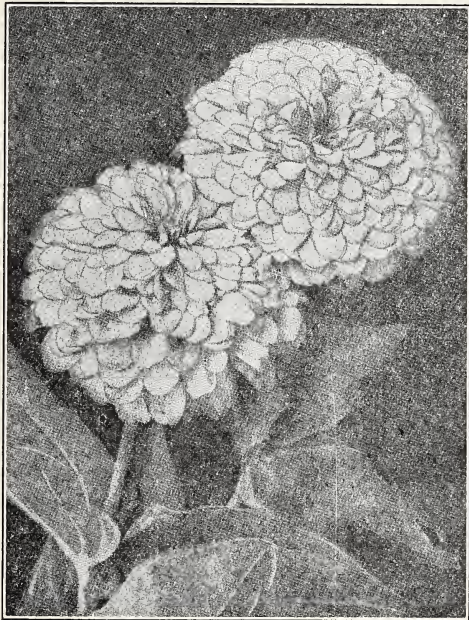
**Bright Blue.** A very fine sky blue. Pkt., 10c.

**Mixed.** Pkt., 10c.



Viscaria Tom Thumb.

Read the  
Cultural Directions  
on pages  
1 to 9 inclusive



Zinnia Double Giants

**REPUTATION SPECIAL ZINNIAS****New Dahlia Flowered**

**Exquisite.** By far the most pleasing of our collection. Truly Dahlia flowered as regards form and size.

Color light rose with center deep rose. Pkt., 25c.

**Crimson Monarch.** By far the largest and best of the red shades. Flowers often eight inches in diameter. Plants very vigorous. A marvelous production of extraordinary merit. Pkt., 25c.

**Illuminator.** A true dahlia flowered zinnia as regards form and size. A striking self color of deep rose. Very beautiful. Pkt., 25c.

**Giant Attraction.** A distinct shade of brick red which carries its color well from the bud and forms an immense ball of color when in full bloom. Pkt., 25c.

**Special Mixture.** A well blended mixture containing many novelties. Pkt., 15c.

**All Colors Mixed.** Pkt., 10c.

**A New Improved Strain of Double Giants**

**Rose Queen.** Very fine, Tyrian Rose, with rose-red center. Pkt., 25c.

**Apricot Orange.** A beautiful shade. Pkt., 15c.

**Shrimp Pink.** A very pleasing color. Pkt., 15c.

	Pkt.		Pkt.
Salmon .....	\$0.10	Flesh Shades .....	\$0.10
Crimson .....	.10	Scarlet .....	.10
Golden Yellow .....	.10	White .....	.10

**All Colors Mixed.** Pkt., 5c; ½ oz., 40c.

# Reputation Spencer Sweet Pea Mixture

A splendid mixture of all the standard varieties. Pkt., 10c; oz., 25c.



**ASPARAGUS**

Conover's Colossal. A large green variety, very tender and good. Pkt., 5c; oz., 15c; 2 oz., 25c.

Palmetto. An early green variety, prolific, and very good quality. Pkt., 5c; oz., 15c; 2 oz., 25c.

**ASPARAGUS ROOTS**

Asparagus roots (two-year-old) can be supplied in early spring. Price on application.

**REPUTATION DWARF OR BUSH BEANS****Green Pod Varieties****Burpee's Stringless Green Pod.**

A very durable dwarf green snap Bean for the home garden. The plants are large, spreading, and productive. Pkt., 10c; lb., 30c.

**REPUTATION WAX  
PODDED BUSH BEANS**

**Davis White Wax.** This Bean is very often used in a dry state for cooking. The dry beans are kidney-shaped and white in color. Pods are long, meaty, and flat in shape. Pkt., 10c; lb., 35c.

**Improved Golden Wax.** This is one of the earliest and best Dwarf Beans for the home market and private gardens. Pod is semi-round, yellow, of good quality and has no string. Pkt., 10c; lb., 30c.

**Pencil Pod Black Wax.** Improved Prolific Black Wax, with pods shaped very much like a pencil, excellent for canning. Pkt., 10c; lb., 35c.

**Reputation Brittle Wax.** This variety yields a large crop of long, nearly straight, broad, light golden yellow, handsome pods, deeply saddle backed, tender, brittle, and entirely stringless. Pkt., 10c; lb., 35c.

**Improved Navy Bean.** This is far superior to the old variety of Navy Bean. The vine is of medium size, erect, bearing a profusion of long pods well up from the ground. The dry beans are small, pure white and of fine appearance. Pkt., 10c; lb., 20c.



Asparagus

**REPUTATION ENGLISH  
BROAD BEANS—EXHIBITION  
LONG POD**

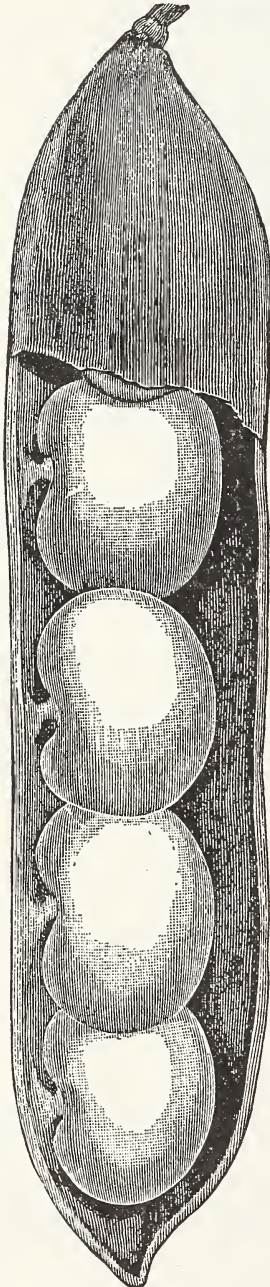
This Bean is a strong grower with a large number of pods to each stem. A splendid large improved and distinct Bean for general use, specially recommended for small gardens owing to the small amount of space required for it and the little it takes out of the ground. Sold in packets only. 25c each.

**REPUTATION  
DWARF LIMA BEANS**

**Reputation Bush Lima.** The only form of the true luscious, large Lima. Pkt., 10c; lb., 30c.

**REPUTATION  
SCARLET RUNNER BEAN—  
TREMENDOUS**

Huge pods up to 18 inches long borne in large clusters. Early, exceedingly productive and the largest Runner Bean of fine edible quality. Gardeners who have tried this grand bean are loud in their praise of its size, productiveness and good quality. Pkt., 15c; 2 pkts., 25c.



Beans—Bush, Lima



## REPUTATION BEETS

**Early Wonder.** Early Wonder is the earliest market garden Beet that we know of. It has been very popular with the market gardeners of the East for several years, and they consider it the best yet. Pkt., 10c; oz., 15c.

**Crosby's Egyptian.** This variety of Beet is ready for use very early, is sweet and tender, and may always be depended upon to give the best results. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Detroit Dark Red.** This is the very best Beet for the market and home garden. The quality is good, sweet, and tender; deep red color, roots are turnip shape, with small tap roots. This is the most desirable Beet for canning. Pkt. 5c; oz., 10c; 2 oz., 15c.

**Early Blood Turnip Improved.** An improved variety of Blood Turnip Beet, of deep blood red color, fine form and flavor. This is an excellent market and home garden variety for summer and autumn use. Pkt., 5c; oz., 10c; 2 oz., 15c.

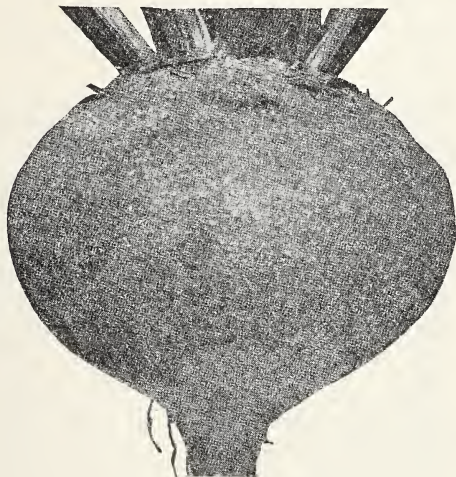
**Eclipse.** Perfectly smooth and round, and has small top, skin and flesh intense red. This variety is one of the first to be ready for the table. It is of globular shape, and good quality. Very adaptable for bunching. Pkt., 5c; oz., 10c; 2 oz., 15c.



Golden Wax Bean

## REPUTATION POLE BEANS

**Kentucky Wonder, or Old Homestead.** A very good green pod variety. Pkt., 10c; lb., 35c.



Detroit Dark Red

## SWISS CHARD

Or Spanish Beet

**Lucullus.** The Swiss Chard or Spinach Beet is prepared for the table in the same manner as Spinach, sometimes, however, the midrib is used as Asparagus. This variety is an excellent one to grow. The stalks are thick and broad as those of Rhubarb, being one and one-half inches broad,



Swiss Chard Lucullus

and from ten to twelve inches long below the leaf. The extra large leaves are of thick texture, are heavily crumpled or curled and of extra fine flavor. Pkt., 5c; oz., 15c; 2 oz., 25c. **Large White Ribbed.** Pkt., 5c; oz., 10c; 2 oz., 15c.



**MANGEL WURZEL**

**Mammoth Long Red.** Very large, excellent for stock feeding. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c.

**Golden Tankard.** The tops are small, with the leaf stalks and veins distinctly tinged with yellow. The roots are large, color light grey above ground, deep orange below. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c.

**SUGAR BEETS**

**Klein Wanzleben.** A most desirable Beet, containing the largest percentage of sugar. It grows below the surface, and the greens are rather large and spreading. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c.

**REPUTATION CABBAGE**

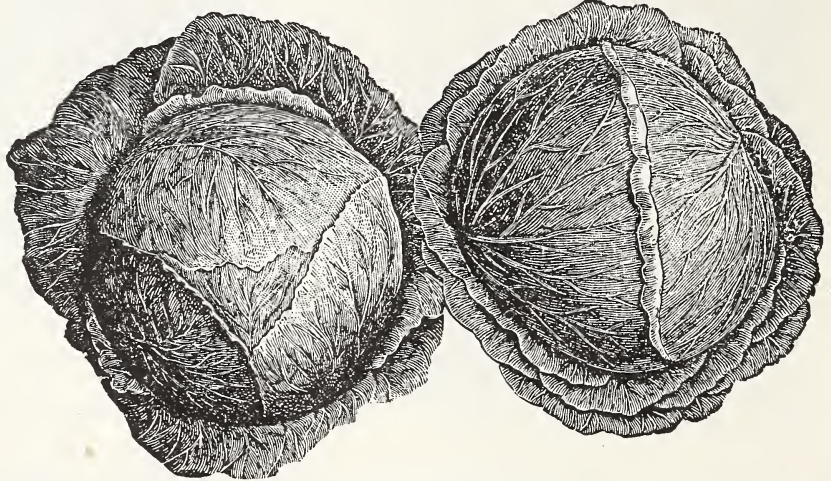
**Danish Ball Head.** A hard heading, long keeping Cabbage. Heads round as a ball, solid, fine grained, has few outer leaves, tender, crisp, and of fine flavor. Pkt., 10c; 2 pkts., 15c; oz., 20c; 2 oz., 35c.

**Flat Dutch.** This variety of late Cabbage is a standard in all sections for winter use. Large, solid heads. Pkt., 10c; 2 pkts., 15c; oz., 20c; 2 oz., 35c.

**Golden Acre.** New Cabbage of the Copenhagen type. Pkt., 10c; oz., 25c.

**Early Jersey Wakefield.** One of the best early sorts, with good, solid, pointed heads. Pkt., 10c; 2 pkts., 15c; oz., 20c; 2 oz., 35c.

**Large Late Drumhead.** A late variety of large size. Heads are solid and have few loose leaves, thus allowing of planting closely in the



Cabbage Danish Ball Head

field. Pkt., 10c; 2 pkts., 15c; oz., 20c; 2 oz., 35c.

**Hollander.** This extra hard heading variety of Cabbage originated in Denmark. It is a late variety, medium size, round head and a good keeper. Pkt., 10c; 2 pkts., 15c; oz., 25c; 2 oz., 45c.

**Copenhagen Market.** A valuable new variety, large, globe-shaped heads. Pkt., 10c; 2 pkts., 15c; oz., 25c; 2 oz., 45c.

**Large Red Drumhead.** A standard pickling variety. Large, solid heads, a good keeper. Pkt., 10c; 2 pkts., 15c; oz., 25c; 2 oz., 45c.

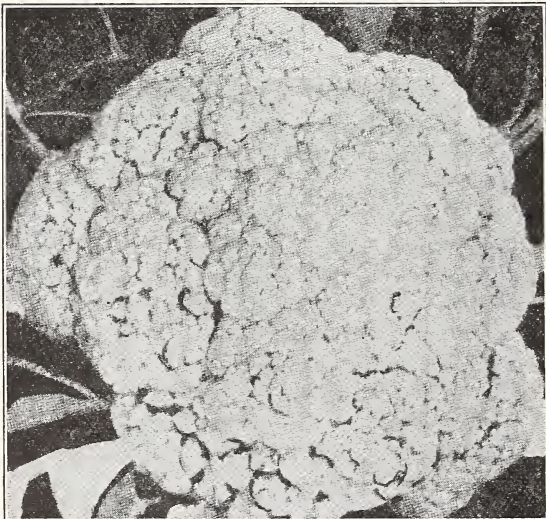
**Early Dwarf Elm Savoy.** An early Savoy Cabbage of small size, and most excellent flavor. Pkt., 10c; 2 pkts., 15c; oz., 25c; 2 oz., 45c.

**CHINESE CABBAGE**

Also called Pe Tsai and Cut Cabbage, by Chinese gardeners and is beginning to attract attention in America. It does not form a cabbage head, but when grown to its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants. Pkt., 5c; oz., 20c; 2 oz., 35c.

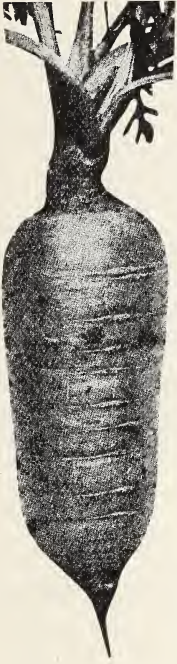
**CAULIFLOWER**

**Early Snowball.** This is the most popular with market gardeners and is grown by them more than all other varieties together for forcing or for wintering over in cold frames for extra early crop. Very early and one of the surest to head. Pkt., 10c.



Cauliflower—Early Snowball



**CARROTS**

**Chantenay Half Long.** Medium early, deep red, very sweet. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Danvers Half Long.** Sweet and tender, undoubtedly the best market variety. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Long Orange.** The most popular of the older sorts, for farm use. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Oxheart.** A French variety, short and thick, excellent quality. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Scarlet Nantes.** Of finest quality, and most handsome of the medium sorts, excellent for market and home garden. Pkt., 5c; oz., 10c; 2 oz., 15c.

**White Belgian.** One of the very best of field Carrots because of its productiveness and the ease with which it can be harvested. Pkt., 5c; ¼ lb., 20c.

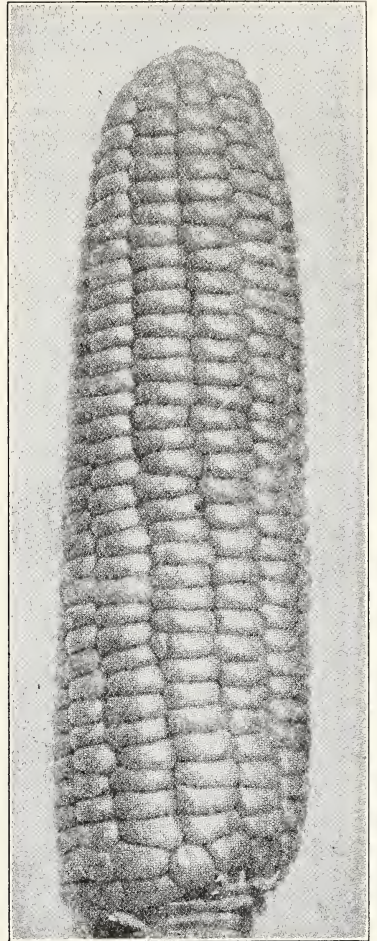
**CHERVIL**

**Curled Chervil.** Crisp and very curled. Pkt., 5c; oz., 25c.

**CORN, SWEET OR SUGAR**

**Peep O'Day.** Pkt., 10c; lb., 30c.

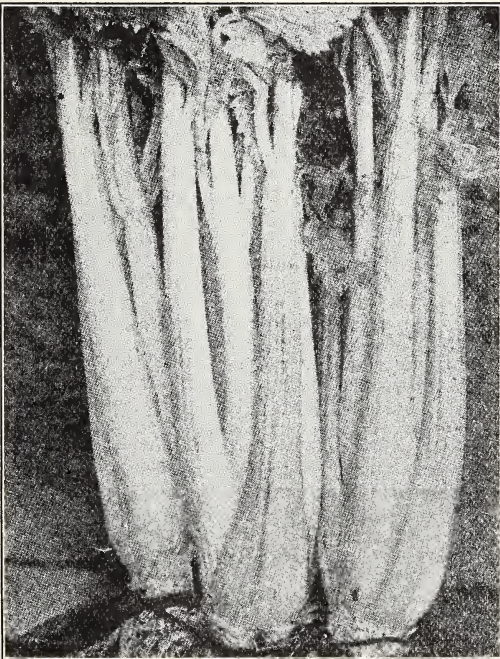
**Golden Bantam.** Very early, fine for home garden. Pkt., 10c; lb., 30c.



Golden Bantam Sweet Corn

**CELERIAC, or Turnip-Rooted Celery**

**Large Smooth Prague.** An improved variety of Turnip Rooted Celery, producing large roots of nearly globular shape, and comparatively smooth surface. Pkt., 5c; oz., 15c.



Celery—Golden Self-Blanching

**REPUTATION CELERY**

**Golden Self-Blanching.** (American grown.) Ready for use nearly as early as White Plume, blanches as easily and is larger in size as well as finer in quality. Pkt., 5c; oz., 30c.

**White Plume.** The strain we offer of this well known variety is the finest. It is ready for use ahead of all other varieties and is unsurpassed for fall and winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white. Pkt., 5c; oz., 25c.

**Giant Pascal.** This is a green leaved variety, developed from the Golden Yellow Self Blanching, and is an excellent sort for fall and winter use. Pkt., 5c; oz., 25c.



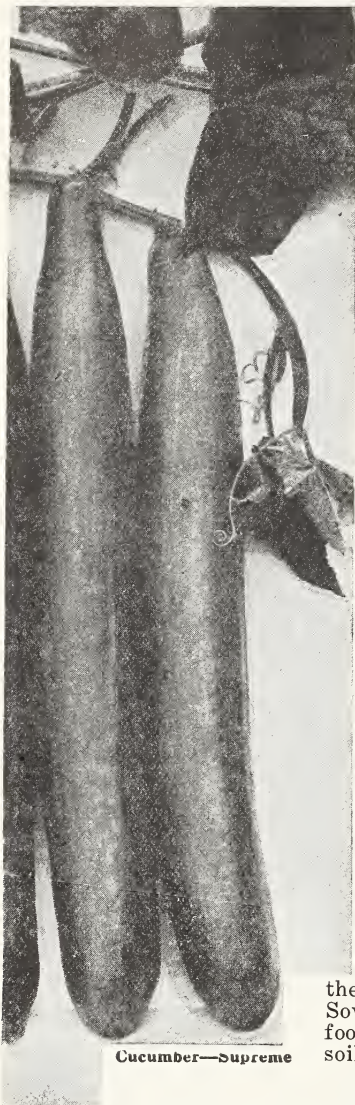
Witloof Chicory

**CHICORY**

**Witloof or French Endive.** Pkt., 5c; oz., 25c.

**Common.** The leaves are used as salad. Pkt., 5c; oz., 15c.





Cucumber—Supreme

### ENGLISH FORCING CUCUMBERS

**Telegraph.** A very fine variety of English Cucumber, for frame or greenhouse. Grows from 2 to 2½ feet long, very smooth and of fine flavor. In packets of 10 seeds, 25c.

**Reputation Cucumber Supreme.** The latest thing in Cucumbers. An extraordinary cropper of first class quality. Medium dark skin, fruit 15 inches long, of great weight, and with a short neck. In packets of 10 seeds for 25c.

**Davis Perfect Cucumber.** This cucumber is perfect, combining quality, shape, color, and productiveness. The cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich, dark, glossy green, which they hold until nearly ripe. Very tender, brittle, and of fine flavor. Pkt., 5c; oz., 20c.

**Early Cluster.** Produces clusters of small fruits. Good for pickling. Pkt., 5c; oz., 10c.

**Improved Early White Spine.** Improved strain of White Spine, an excellent variety of light green color, with white spines; crisp, and of fine flavor. Pkt., 5c; oz., 15c.

**Improved Long Green.** Long, dark green variety of good standing. Pkt., 5c; oz., 15c.

**Boston Pickling.** A favorite with pickle growers and commercial gardeners, and good for table use. Pkt., 5c; oz., 15c.

**Extra Early Green Prolific.** An improved variety which is extra early and a good variety for pickling. Pkt., 5c; oz., 20c.

### LEMON CUCUMBER

A real cucumber not to be confounded with the Garden Lemon. It is similar in shape to a lemon and when ripe it has the color of a ripe lemon. The skin is smooth and the fruits are very attractive. The flesh is crisp and tender and possesses a sweetness and flavor that makes it one of the most highly prized of table delicacies. They are excellent for pickling, either green or ripe. For slicing, they should be used just as the fruits are turning yellow. Will yield four times as many cucumbers as any other variety. Pkt., 10c; oz., 20c.

### CORN SALAD

Corn Salad is used during the winter and early spring as a substitute for lettuce, and is also used like spinach. In warm weather the plants will mature in four to six weeks. Sow the seed in shallow drills about one foot apart, and must be grown in very rich soil. Pkt., 5c.

### CRESS

**True Water.** This is a distinct variety of cress with small oval leaves, and thrives best when its roots and stems are submerged in water. Pkt., 10c.

**Curled or Pepper Grass.** The leaves of this small salad are much frilled or curled. Pkt., 5c.

### CHIVES

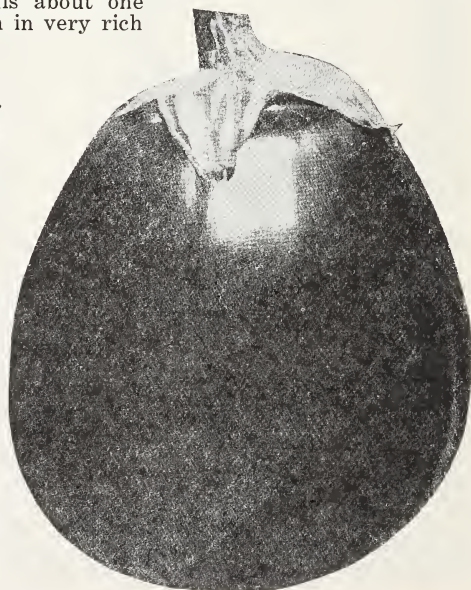
An onion-like plant used as a salad and for flavoring soups. The plants grow about three inches high. One sowing will last about three years. Pkt., 10c.

### CITRON

Used for Making Preserves.

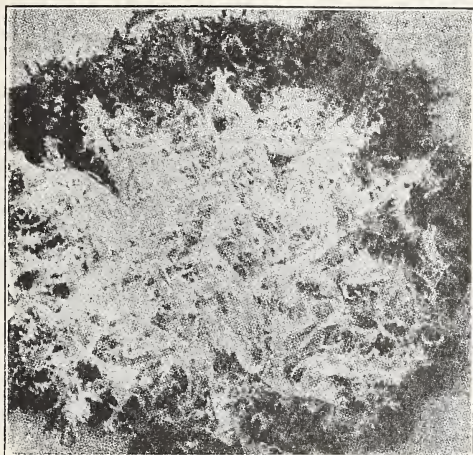
### EGG PLANT

**New York Improved Large Purple.** The general favorite both for market and private use, and is a standard sort both in the North and South. The large size and fine quality of fruit and its extreme productiveness makes it most profitable for market gardeners. Plants large, spreading; fruit very large, oval; color a splendid dark purple. Plants usually ripen 4 to 8 large fruits. Pkt., 10c.



Egg Plant—New York Improved





Endive

### COS, OR ROMAINE LETTUCE

**Paris White Cos Lettuce.** We recommend this variety as the finest and most highly selected Cos Lettuce in cultivation; it is of largest form, self folding, and very crisp; does not easily run to seed. Pkt., 10c; oz., 20c; 2 oz., 35c.

### HERBS

**Basil, Sweet.** The stems and seeds are used in soups and sauces. Pkt., 5c.

**Borage.** Excellent for bees. Pkt., 5c.

**Catnip.** For medical purposes and relished by cats, who roll in it with great delight. Pkt., 5c.

**Caraway.** Used in bread, etc. Pkt., 5c.

**Dill.** Used for making dill pickles. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Fennel Sweet.** For salads, etc. Pkt., 5c.

**Lavender.** For perfuming linen. Pkt., 5c.

**Rosemary.** Pkt., 5c.

**Sage.** Leaves used for seasoning meats, etc. Pkt., 5c.

**Sorrel.** Used for soups, sauces, salads. Pkt., 5c.

**Summer Savory.** Leaves and shoots used for flavoring. Pkt., 5c; oz., 25c.

**Sweet Marjoram.** Leaves used green in summer, and dried in winter for flavoring. Pkt., 5c.

**Thyme.** Used for seasoning. Pkt., 5c.

**Wormwood.** Used for medical purposes. Pkt., 5c.

### LEEK

**Giant Carentan.** This is an exceptionally hardy garden sort, very white and tender. Pkt., 5c; oz., 30c.

**Large American Flag.** A variety which has become very popular on account of it being very large. It is hardy and of good quality. Pkt., 5c; oz., 25c.

### ENDIVE

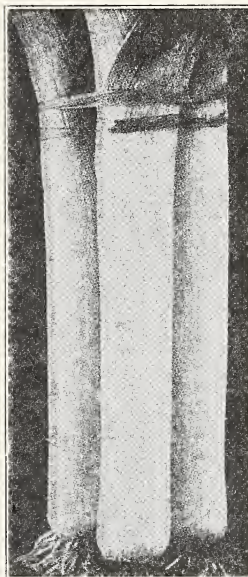
**Green Curled.** The leaves are finely cut, giving the plant a feather effect. Much used for salad during the fall and winter months. Has a very pleasant flavor. Hardy and easily blanched. Pkt., 5c; oz., 40c.

**White Curled.** A beautiful variety, with leaves as finely cut as Green Curled, but does not need tying to blanch. Pkt., 5c; oz., 10c.

**Broad Leaved Batavian.** Leaves are broad, thick, green, more or less twisted and waved, with white mid-ribs. It forms large hearts, which when blanched form one of the best winter salads. Tender, crisp, and fine flavor. Pkt., 5c; oz., 10c.

### KALE, OR BORECOLE

**Dwarf Green Curled.** The leaves are curly, bright green, very tender and delicate in flavor. Sow seed in May or June transplant in July and cultivate the same as Cabbage. Pkt., 5c; oz., 10c.



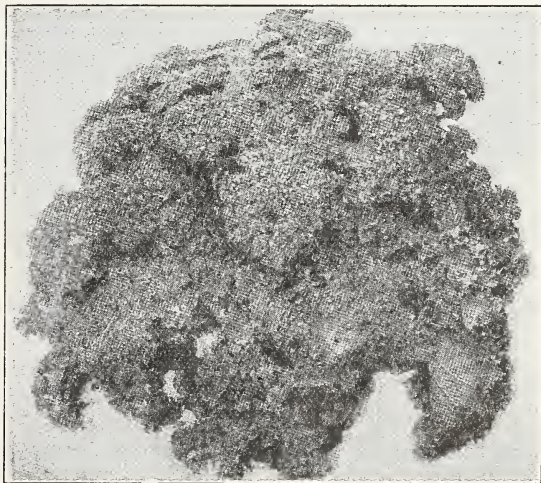
Leek

**Tall Green Scotch.** A beautiful curled and crimped variety. Pkt., 5c; oz., 10c.

### KOHL RABI

**Early Purple Vienna.** A favorite early variety, with purple skin, flesh white. Pkt., 5c; oz., 15c.

**Early White Vienna.** The bulbs grow to the size of an apple when ready for use, and are of a pale whitish green; they are of delicate cabbage-like flavor. Pkt., 5c; oz., 15c.



Dwarf Green Curled Kale



## REPUTATION LETTUCE

**Early Curled Simpson.** This variety does not head, but forms a close, compact mass of leaves, very early, excellent for forcing. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Reputation Hanson.** Heads very large, from 2 to 3 pounds each; heads quickly and stands the summer well. Quality excellent. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Big Boston Special.** This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to a creamy white. It is a sure header and stands a long time before going to seed. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Grand Rapids.** Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Wayhead Lettuce.** This variety shows a remarkable combination of earliness, firm heading character, handsome appearance, and fine quality. The outer leaves fold tightly and are light green, while the inner leaves or heart blanch yellow. It is slow to shoot to seed and may be grown during the entire season. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Early May King.** If you want a very first early Lettuce, plant Early May King. It is equally good for outdoor growing and forcing. The



Lettuce Grand Rapids

outer leaves have a slight brownish tinge, while the heart is a beautiful yellow. Very crisp and tender. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Reputation Iceberg.** A very beautiful Lettuce. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Reputation Prizehead.** Is very large, stained with red, outer leaves curled, very crisp and tender. Slow in running to seed. Pkt., 5c; oz., 15c; 2 oz., 25c.

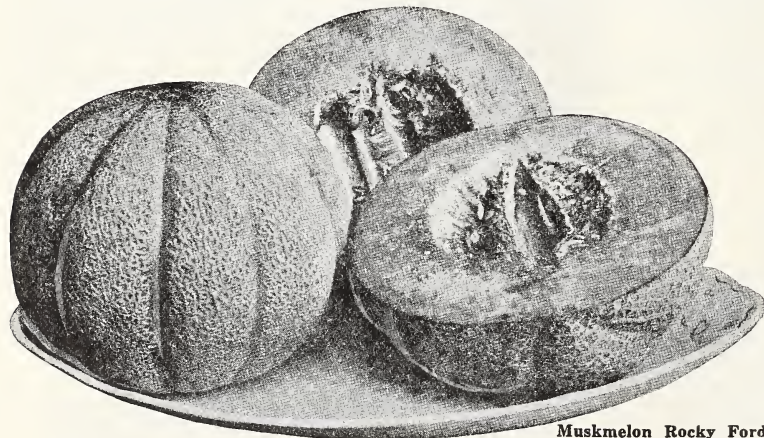
**New York or Wonderful.** Pkt., 5c; oz., 20c.

## MUSKMELON

**Reputation Honey Dew.** Fruits are smooth, rind almost white. The green flesh is thick and is of a very sweet flavor, resembling a well-ripened banana. Pkt., 10c; oz., 30c.

**Extra Early Hackensack.** Melons grow to a large size, are deeply ribbed and covered with coarse netting. Skin green, turning yellow when melons mature, flesh green, very sweet. Pkt., 5c; larger pkt., 10c; oz., 15c; 2 oz., 25c.

**Rocky Ford.** This is the most popular of all melons. It is very early and one of the best for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is green in color, very sweet and juicy, and solid clear to the rind. Pkt., 5c; oz., 15c; 2 oz., 25c.



Muskmelon Rocky Ford

## MUSTARD

**Giant Southern Curled.** Makes delicious salads and greens. A great favorite in the South. Pkt., 5c; oz., 10c; 2 oz., 15c.

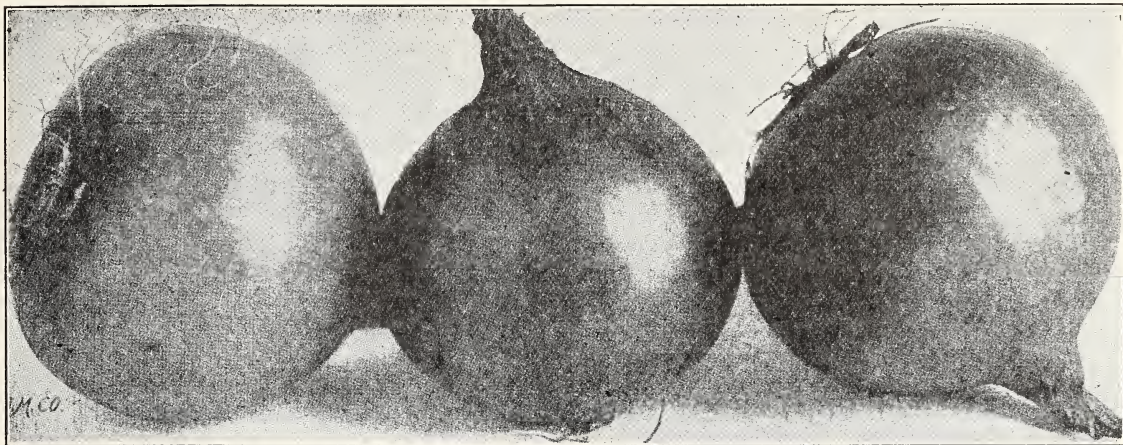
**Fordhook Fancy, or Ostrich Plume.** Plants are of vigorous growth, and have beautiful green leaves which curve outward like a fine ostrich plume. It stands well even through the hot summer months. Pkt., 5c; oz., 10c; 2 oz., 15c.

**White English.** Best for general use. Pkt., 5c; oz., 15c; 2 oz., 25c.

## COS, OR ROMAINE LETTUCE

**Paris White Cos Lettuce.** We recommend this variety as the finest and most highly selected Cos Lettuce in cultivation; it is of largest form, self folding, and very crisp; does not easily run to seed. Pkt., 10c; oz., 20c; 2 oz., 35c.





### REPUTATION ONIONS

**Ailsa Craig.** The stock we offer of this celebrated Onion is the best that can be obtained. In Europe this Onion is grown extensively and is undoubtedly the largest Onion yet introduced. The most striking feature is its weight and solidity of the bulb which under good cultivation grows to a great size and as a keeper is second to none. Pkt., 10c; oz., 35c; 2 oz., 65c.

**Reputation Prizetaken.** This is the large pale yellow Onion that is offered for sale in the fruit stores in the fall and sold as Spanish Onions. Our seed of this variety is specially grown for us, and we are quite sure in recommending it for the home garden. An excellent keeper; grows to an enormous size. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Large Red Wethersfield.** This is one of the best and hardiest of all Onions; suitable for the climate of Minnesota. It will grow from seed to full size the first season, and the Onions are large, flat in shape, with skin of purplish red color, and flesh of purplish white, rather strong flavored and an excellent keeper. Pkt., 5c; oz., 20c; 2 oz., 35c.

**Yellow Globe Danvers.** A standard sort which grows to a large size. The bulbs are large and globular, with very thin necks; rich orange yellow color. An enormous yielder and a fine keeper. Flesh white and mild. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Southport Red Globe.** This is a fine keeper. Large size, and considered one of the best red Onions. Flesh is fine grained, very mild and tender. This is a fine strain and will please all who grow it. Pkt., 5c; oz., 25c; 2 oz., 40c.

**White Portugal, or Silverskin.** One of the leading white sorts. The bulbs are flat in shape, and mature early. It is a splendid sort for market gardeners. It is extensively grown for pickling onions, for which purpose it is well adapted. Pkt., 5c; oz., 20c; 2 oz., 35c.

**Southport Yellow Globe.** A large globular-shaped yellow variety. The ground should be composed of rich loamy soil. Very productive and of mild flavor. The outer skin is pale yellow with white flesh; very hardy and keeps a long time in good condition after being pulled. Pkt., 5c; oz., 15c; 2 oz., 25c.

**Southport White Globe.** Pure white color, and of very mild flavor, also as good for keeping as the Yellow Globe. Pkt., 5c; oz., 25c; 2 oz., 45c.



Onion Large Red Wethersfield

**Australian Brown.** This is one of the hardiest Onions in cultivation. The most suitable for a cold climate. It is of medium size, wonderfully hard and solid, and most attractive for market. Pkt., 5c; oz., 10c; 2 oz., 15c.

### OKRA, or GUMBO

**Long Pod Okra.** Pkt., 5c; oz., 10c.





Okra or Gumbo

## PARSNIPS

**Hollow Crown.** The old standard, and one of the best for general use, long, smooth, tender, and sugary; very hardy. Pkt., 5c; oz., 10c; 2 oz., 15c.

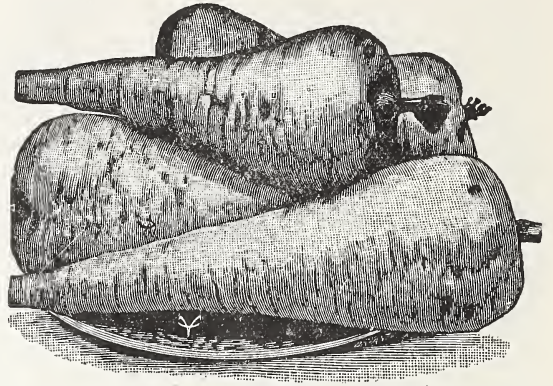
**Large Smooth.** This variety of Parsnips is very hardy and will keep well through the winter. The roots are long, white, smooth, tender and of most excellent quality. Pkt., 5c; oz., 10c; 2 oz., 15c.

## PARSLEY

**Double Curled.** A handsome, compact sort. Fine for market or private garden; leaves are light green, extra curled and crimped. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Champion Moss Curled.** A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Hamburg Rooted.** The fleshy root resembles a Parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced. Pkt., 5c; oz., 10c; 2 oz., 15c.



Parsnip Hollow Crown



Reputation Matchless

## REPUTATION PEAS

**Union Jack.** A very dark green-podded Pea. Very heavy cropper, large podded of very sweet flavor and excellent quality. This Pea should find a place in everybody's garden. The best for market garden purposes. Height 2½ feet. Pkt., 10c; lb., 35c.

**Peter Pan.** This is a new English variety of merit. The introducer says of it, "The demand for this variety increases every year, and we are continually receiving unsolicited testimonials from our many customers, predicting for it a grand future." In our trials besides other first early varieties it continues to prove itself the finest early dwarf pea on the market. It is a tremendous cropper, producing long, pointed, dark green pods, filled with peas of exquisite flavor. It is without doubt the finest dwarf Pea yet introduced. Pkt., 10c; lb., 35c.

**Thomas Laxton.** An early variety of large-podded Pea, which is very early and a strong grower, producing pods in abundance. The vines grow to a height of 3 feet and is fit for table use in about 52 days from planting. Pkt., 10c; lb., 35c.

**Gradus.** This splendid variety combines the finest quality with earliness and is very produc-



## PEAS

(Continued)

tive. Grows vigorous and healthy; vines are about 3 feet in height, bearing pods fully as large as telephone, filled with beautiful dark green peas, which retain their color after being cooked. It is a wrinkled variety and is ready for table use in about 52 days from planting. Pkt., 10c; lb., 35c.

**Hundredfold Pea.** This Pea is an improvement on the Laxonions, a little earlier and larger podded, and we consider it a very heavy cropper. Pkt., 10c; lb., 35c.

**Alderman.** A large podded Pea of the Telephone type. Very robust and vigorous, foliage medium green, height 50 inches, pods 5 inches long, broad, pointed, medium green in color. Pods contain 7 to 9 wrinkled peas and are ready for picking in about 65 days from planting. Pkt., 10c; lb., 35c.

**Blue Bantam.** An extra early green podded, dwarf wrinkled variety, the pods are of immense size with eight to ten deep green peas to a pod. Pkt., 10c; lb., 30c.

**Little Marvel.** The vines grow about 18 inches high, and have beautiful dark green foliage. Very heavy cropper, with small, blunt, dark green pods. Fit for table use in about 55 days from planting. Pkt., 10c; lb., 30c.

**First and Best.** This is one of the smooth seed varieties. Early, productive and very hardy, 2½ feet high, with a strong, vigorous vine, which is light in color and uniform in growth. It is ready for table use in about 50 days from planting. Pkt., 10c; lb., 25c.

**American Wonder.** On account of its dwarf habit it is very desirable for the home garden. Pods are light colored, straight, round, about 2½ inches long and blunt at the end. Fit for picking in about 55 days from planting. Pkt., 10c; lb., 30c.

**Champion of England.** This is one of the old standard tall peas. Strong and vigorous

growth, 42 to 50 inches in height, foliage medium green; pods 2½ to 3 inches long, large seed and very much wrinkled. This variety is very much used for the home garden. Ready for table use in about 68 days from planting. Pkt., 10c; lb., 30c.

**Dwarf Telephone.** This is a dwarf variety, bearing large, handsome pods like Telephone; height 18 inches. The pods are nearly double the size of American Wonder, and are always filled with large wrinkled peas of the finest quality. Ready for use in about 62 days from planting. Pkt., 10c; lb., 35c.

**Telephone.** Vines and leaves large and coarse. Foliage light green in color, height 40 to 50 inches; pods long, broad, pointed, medium green in color. Fit to pick in about 62 to 65 days from planting. Pkt., 10c; lb., 35c.

**Nott's Excelsior.** An improvement on American Wonder, being fully as early and the pods are larger. Height 14 to 18 inches. Fit for table use in 55 days from planting. Pkt., 10c; lb., 30c.

**McLean's Little Gem.** The vines are dwarf and produce an abundance of round, well filled pods, 2½ to 3 inches long; only three days after American Wonder. Peas are green, wrinkled, of sweet delicious flavor. One of the best for the home garden. Ready for use in about 58 days from planting. Pkt., 10c; lb., 30c.

**Quite Content Pea.** This Pea is an improvement on Alderman. Very large dark green pods and a robust grower and a very heavy cropper. Pkt., 10c; lb., 35c.

**Excelsior Pea.** This variety is slightly later than Gradus, growing about 2½ feet high. Very large podded and a very popular market garden sort. Pkt., 10c; lb., 35c.

**Dwarf Grey Sugar.** Edible Pods. Pkt., 10c; lb., 30c.

## PEPPERS

**Long Red Cayenne.** A well known variety having a slender, twisted, and pointed pod about four inches long, and when ripe, bright red in color. Extremely strong and pungent in flesh. Pkt., 5c; oz., 60c.

**Red Chili.** Fruit is small, bright scarlet, very hot and pungent. Generally used for making pepper sauce. Pkt., 5c; oz., 75c.

**Neapolitan.** The large fruits are light green with thick mild flesh. As they ripen they turn red. Very early, being two weeks earlier than Bull Nose. Pkt., 5c; oz., 60c.

**Sweet Mountain.** Fruit very large, long, often 8 inches or more in length. Pkt., 5c; oz., 75c.

**Large Bell, or Bull Nose.** Thick, sweet, and mild for salads, pickling or stuffing. This is a very vigorous yielder of large fruits, and one of the best Peppers for home use. People who grow and can these for winter will no longer pay for a can of imported Pimentos as much as it costs to grow and put up a winter's supply of these. Bright green when young and beautiful red when ripe. Pkt., 5c; oz., 75c.

**Ruby King.** Fruits are about 4 inches long, flesh thick and mild, color dark green while young, turning to bright red when ripe. Pkt., 5c; oz., 85c.



Pepper





Pumpkin

## PUMPKIN

**Small Sugar.** Also called the Sweet Pumpkin. This is the best pumpkin from which the celebrated Yankee pumpkin pie is made. It is small, being about 10 inches in diameter, but of best character. It has a deep orange-yellow skin and fine-grained flesh; handsome, and an excellent keeper. It is prolific and in every way desirable. It cannot be excelled as a table pumpkin. The average weight is about five pounds. A sure cropper and excellent for marketing, as it is of convenient size. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Large Cheese or Kentucky Field.** Flesh yellow and sweet. The hardiest of all pumpkins. Pkt., 5c; oz., 10c; 2 oz., 15c.

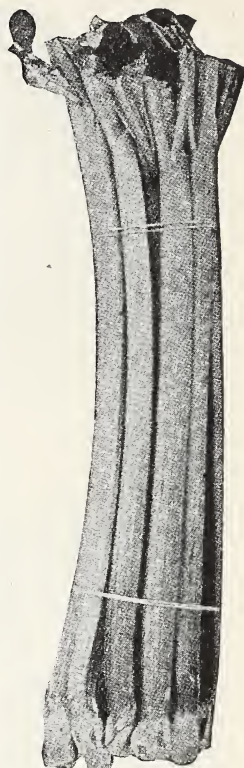
**Quaker Pie.** A rather small but handsome variety. Very prolific, slightly oval in form. Rich creamy buff color. Flesh fine-grained and rich. An excellent keeper. One of the finest varieties for pies. Pkt., 5c; oz., 10c; 2 oz., 15c.

**Mammoth.** Grows to an enormous size. Pumpkins have been known to weigh over 100 pounds. Pkt., 5c; oz., 10c; 2 oz., 15c.

## RHUBARB

Strong plants are easily grown in any good garden soil. Sow thinly in drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. Victoria. In general use for market and home garden. The most satisfactory. Pkt., 10c.

Rhubarb Plants may be had in the spring. Price, 25c and 50c each.



Rhubarb

## RADISHES

**Early Scarlet Globe.** This is a splendid variety used by most market gardeners. Very early, flavor mild, crisp, juicy, and tender; top small; will stand heat without becoming pithy.

Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Scarlet Turnip White Tipped.** Leaves short, excellent for forcing, color bright scarlet with white tips. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Chinese White Winter.**

A comparatively new variety. The roots are long, with beautiful white skin, and flesh so white as to attract attention, even among the other varieties. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Sparkler.** A new variety of entirely distinct type. In shape it is globular; the top is very short, thus making it adaptable for forcing, although it is equally good for outdoor planting. Sparkler will keep longer than any other variety, and can be sown all the year round. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.



Radish Sparkler

**White Icicle.** A beautiful transparent white variety, about three inches long, and half an inch in diameter, with small tops; very crisp and brittle. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**China Rose Winter.** One of the best. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**French Breakfast.** A very attractive early variety, which is of oblong shape, mild and tender. The skin is a lively pink in color on the upper portion but lower part is pure white. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Deep Scarlet Turnip.** Small top, quick growth, mild and crisp; the best for general use. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Round Black Spanish.** Roots round, an excellent winter sort. Roots keep a long time. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

**Long Black Spanish.** One of the latest and hardiest for winter use. They grow slow and are ready for use in the autumn after the summer radishes are gone. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c.

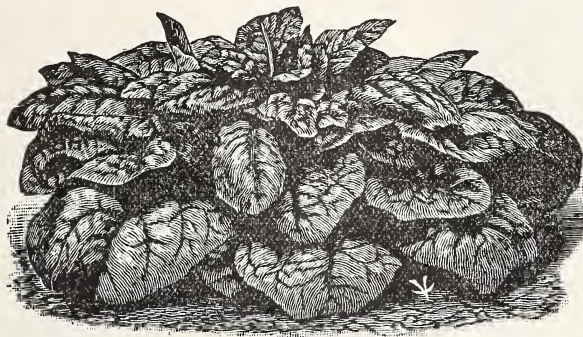


**RUTABAGA**

Improved American Purple Top. Pkt., 5c; oz., 10c; lb., 50c.  
 Bangholm. A fine yellow flesh variety. Pkt., 5c; oz., 10c; lb., 50c.

**SALSIFY, or VEGETABLE OYSTER**

Mammoth Sandwich Island. This grows uniformly to an extra large size, averaging fully double the size and weight of roots of the old variety. The roots, notwithstanding their large size, are of very superior quality and delicate flavor. Pkt., 5c; oz., 20c; 2 oz., 35c.



Spinach Victoria

**SPINACH**

Victoria. Fine texture and of the deepest color. Pkt., 5c; oz., 10c; 2 oz., 15c  
 New Zealand. Produces tender Spinach even during the hot weather, and will grow in poor soil. Pkt., 5c; oz., 15c; 2 oz., 25c.

Long Standing. Leaves are large, thick, fleshy and crimped; fully equal to Savoy Leaf. Pkt., 5c; oz., 10c; 2 oz., 15c.

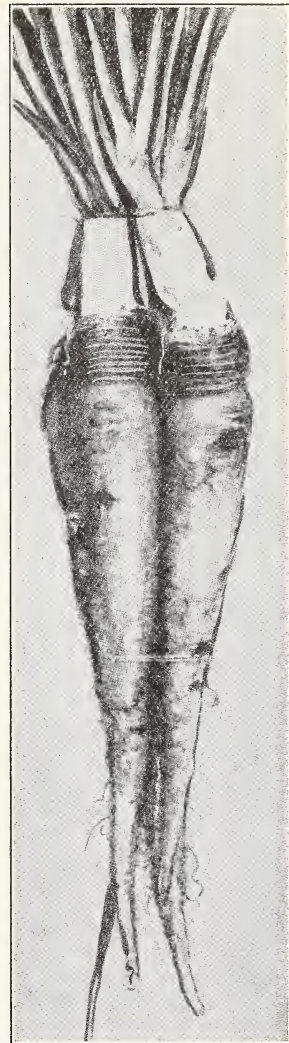
Bloomsday Savoy. Very hardy, thick, dark green fleshy leaves. Pkt., 5c; oz., 10c; 2 oz., 15c.

**TOBACCO SEED**

Connecticut Seed Leaf. An old well known variety. Pkt., 10c.  
 Havana. Pkt., 10c.

**SQUASH**

Hubbard Squash



Salsify

Summer Crookneck. Early and prolific.  
 The fruits are of true crookneck shape.  
 Pkt., 5c; oz., 15c; 2 oz., 25c.

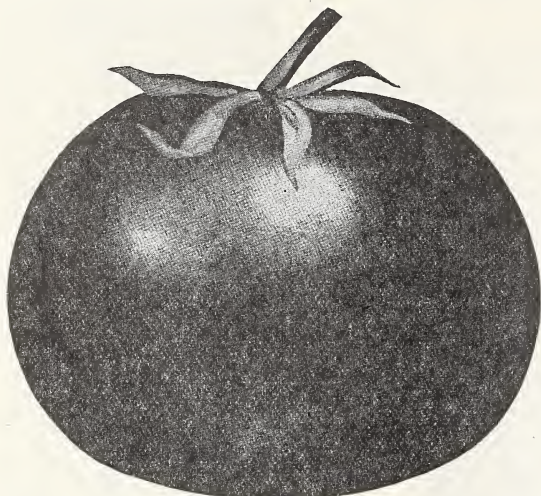
Hubbard. A reliable old-time variety of winter Squash. Large size, flesh bright orange color, fine grained, dry and has good flavor. Pkt., 5c; oz., 15c; 2 oz., 25c.

Golden Hubbard. This is a very different sort, of the shape and general character of the Hubbard, but a little smaller; of rich orange red color, instead of dark olive green. Pkt., 5c; oz., 15c; 2 oz., 25c.

English Marrow. A bushy variety, splendid for the home garden. Pkt., 5c; oz., 20c; 2 oz., 35c.

Early Bush White. Superior market garden strain. Pkt., 5c; oz., 25c.





Tomato Bonnie Best

**REPUTATION TOMATO SEED**

**Burbank (New).** A very fine red fruited variety. Pkt., 15c; ½ oz., 35c.

**Bonnie Best Tomato.** A very attractive early variety of Tomato which is valuable for the home garden. The fruits, which are produced in clusters, are round, somewhat flattened and ripen evenly to the stem; the color is bright scarlet, flesh firm, solid and of excellent flavor for so early and productive a variety. Pkt., 10c; 3 pkts., 25c; oz., 50c.

**June Pink Tomato.** A very fine variety. It is highly recommended to those who like the purplish pink sorts. It is the earliest of this class of Tomatoes and fills the place in them that Earliana does in the bright red sorts. It is really a pink Earliana as it resembles that variety in every way except color. Pkt., 10c; 3 pkts., 25c; oz., 50c.

**John Baer.** This tomato has grown into favor amongst market gardeners and it comes from use well recommended. The fruit is a bright red color, of good size, round, smooth, very solid, and producing very few seeds. Pkt., 10c; 3 pkts., 25c; oz., 50c.

**Earliana.** A perfect early Tomato, large in size, and beautiful in color. Our strain of seed is

extra selected stock and we strongly recommend it. Pkt., 5c; oz., 35c.

**Golden Queen.** The Yellow Bonnie Best. Pkt., 10c; oz., 50c.

**Dwarf Champion.** Pkt., 10c; oz., 35c.

**SMALL FRUIT TOMATOES**

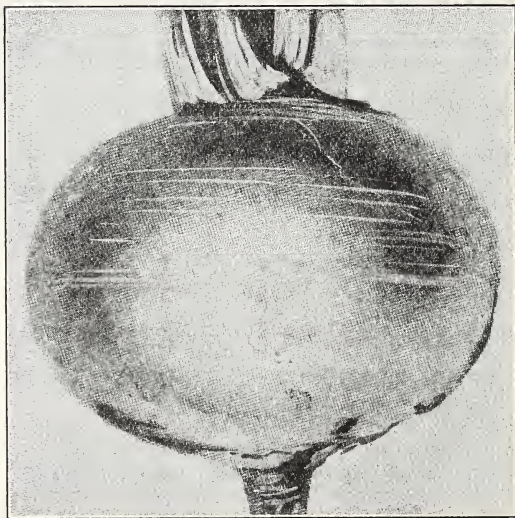
**Yellow Plum.** Pkt., 5c;

**Yellow Pear.** Pkt., 5c.

**Red Cherry.** Pkt., 5c.

**Red Plum.** Pkt., 5c.

**Husk Tomato or Ground Cherry.** Golden Husk Tomato is greatly valued for making preserve. It also makes delicious pies when ripe or dried with sugar. The fruits are ½ inch in diameter, very sweet and of fine flavor. Pkt., 5c;

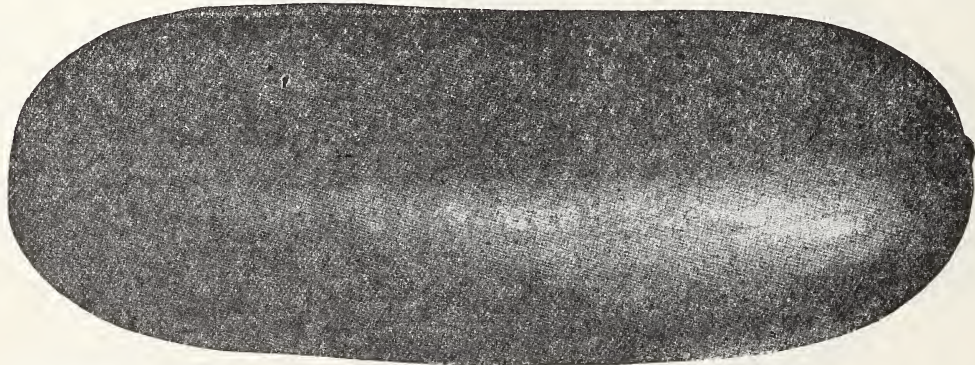


Purple Top White Globe Turnip

**TURNIPS**

**Orange Jelly.** One of the most delicious and sweetest yellow fleshed turnips. Pkt., 5c; oz., 10c; lb., 45c.

**Purple Top White Globe.** A perfect globe shape; about 6 inches in diameter, with smooth, white skin; flesh pure white, firm and crisp. Pkt., 5c; oz., 10c; lb., 45c.



Watermelon Tom Watson

**WATERMELON**

**Tom Watson.** Pkt., 5c; oz., 10c; 2 oz., 15c.

**Kleckley Sweets.** Unsurpassed for home use or near markets. Vines vigorous and productive, fruits large, oblong, tapering slightly toward the stem end; dark green, often showing fine russetting. Flesh bright red. Pkt., 5c; oz., 10c; 2 oz., 15c.



## ROSES ON THEIR OWN ROOTS

In making our list of Roses, we select only those that we know will grow well in our Northern climate. If these plants are covered after the first snow, there will be no difficulty in pulling them through the winter. Avoid uncovering too early in Spring.

All pot grown plants ready for planting  
\$2.00 each.

Admiral Ward. Velvety crimson.  
American Beauty. Deep pink to soft carmine.  
Baroness Rothschild. Pale pink.  
Betty. Coppery pink.  
Captain Christy. Flesh pink.  
Capt. Hayward. Glowing crimson, large blooms.  
Edith Part. Deep salmon, coppery yellow at base.  
Edward Mawley. Dark crimson.  
Eldorado. Golden yellow.  
Eugene Furst. Deep red.  
Frau Karl Druschki. Pure white, large flower.  
General Jacqueminot. Crimson-scarlet, very fragrant.  
General McArthur. Bright scarlet.  
George Dickson. Velvety crimson.  
Gruss an Teplitz. Bright scarlet-crimson.  
Henrich Munch. The pink Druschki.  
Hills America. Large rose pink.



Mrs. John Laing Rose

Los Angeles. Flame pink.  
Ludwig Moller. The yellow Druschki.  
Paul Neyron. Soft pink, very hardy.  
Rose Marie. Bright watermelon red.  
Souvenir de Claudius Pernet. Extra fine yellow.  
Ulrich Brunner. Cherry red.

## GLADIOLUS

The Gladiolus is today the most popular summer-flowering bulb of easy cultivation. Any rich, light garden soil will grow good Gladiolus. The number of new large-flowering varieties introduced in the last few years has done much to popularize this fine flower, and being grown in large quantities, we can offer the finest varieties at such prices as put them within the reach of everyone.

To obtain a succession of bloom, they should be planted fortnightly, from the first of April to the beginning of June.

**America.** Beautiful, soft flesh pink, faintly tinged with lavender. Spikes develop very evenly and to unusual length, sometimes with two or three branches. A magnificent cut flower. 60c per dozen.

**Autumn Queen.** Color creamy yellow upper petals suffused with peach blossom pink, lower petals striped carmine-red. 75c per doz.

**Baron Hulot or Blue King.** A really fine blue gladiolus, in color a rich, royal violet blue. Very effective when cut and used with a yellow variety such as Schwaben. \$1.25 per dozen.

**Chicago White.** This variety favors the Childsii type, and is one of the earliest bloomers. Flowers pure white, with faint lavender streaks in lower petals. 75c per dozen.

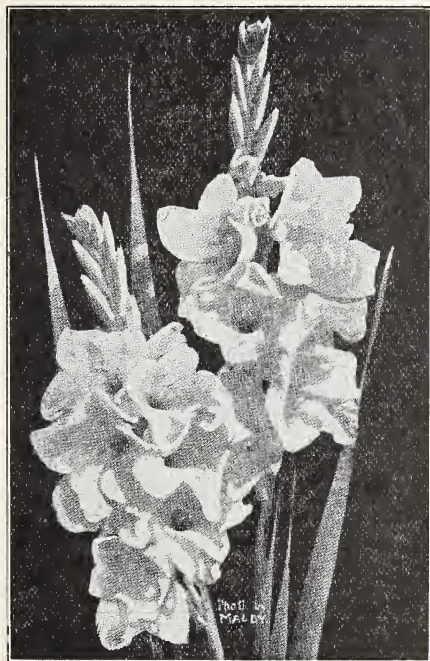
**Crimson Glow.** A deep rich blood red crimson, 75c per dozen.

**Everlyn Kirkland.** A splendid variety with large flowers of wonderful substance of rosy pink at the edges passing to shell pink in the throat with fiery scarlet blotches on lower petals. A very strong grower. \$1.25 doz.

**Halley.** Delicate salmon-pink, the lower petals showing a creamy blotch bisected by a red stripe. 60c per dozen.

which has won various awards on account of its practicability for cutting, as well as for its beauty. Flowers are very large and well expanded, of a lovely flushed salmon-pink, with blood-red blotches in the throat. 85c per doz.

**Mona Lisa.** Ruffled palest soft rose pink. \$1.75 doz.



Schwaben

**Le Marshal Foch.** Rose pink, resembling America in color but deeper. Blooms same time as Halley. \$1.00 doz.

**Maidens Blush.** (The Butterfly Gladiola). Pale pink, earliest of all. A very fine variety of the Primulinus Hybrids. \$1.25 doz.

**Mrs. Frank Pendleton, Jr.** A magnificent variety



**GLADIOLUS—Continued.**

Mrs. Francis King. A fine strong growing variety with large spikes of showy flowers. Color a bright shade of pure scarlet. 60c per dozen.

Mrs. Watt. Glowing American Beauty shade of red. A most distinct and beautiful sort. \$1.00 dozen.

Niagara. Somewhat larger than America; color rich cream, deepening to canary-yellow on the lower petals. A faint carmine blush at tips of petals and streak at throat, with purple stamens and carmine stigmas, make a combination of exquisite beauty and attractiveness. 75c per dozen.

Peace. A robust flower, reaching 5 feet in height, with a correspondingly long flower spike; pure white with faint lilac markings on lower petals. A late bloomer. 75c per dozen.

Ruffled Glory. Salmon-pink with crimson stripe in the center of each lower petal. The broadly expanded wide open flowers are carried on straight, stout 3½ foot stalks. Each petal is exquisitely ruffled. \$1.50 doz.

Schwaben. Clear canary yellow shading to soft sulphur. Largest flower stalk and leaves of all. Planted 7 or 8 inches apart in good soil will produce wonderful blooms. \$1.00 per dozen.

Willy Wigman. Creamy-white with scarlet blotches. Large flowers well placed on stems. \$1.25 dozen.

Reputation Mixture. Splendid assortment of colors. 50c per dozen.

1910 Rose. Very large flower, fine rose pink, extra fine shade, narrow white central line on lower petals. \$1.00 doz.

Herada. Pure Mauree with deeper markings on throat and lower petals. 75c doz.

E. J. Shaylor. A beautiful deep rose pink. \$1.00 doz.

Mary Fennel. A very fine lavender. 75c doz.

**REPUTATION CACTUS DAHLIAS**

Beauty. Rose pink, full and large, fine flower. 50c each.

California Beauty. Amber and Copper, very perfect in form. Large flower. \$1.25 each.

Candeur. Pure white, one of the best white Cactus. 50c each.

Country Girl. Yellow, tipped pink. Very attractive. 50c each.

Mabel Needs. Copper shades very fine flower. 50c each.

Mary Service. Pink and Apricot shades. 50c each.

Mrs. C. G. Wyatt. Pure white. Large flower. 50c each.

Mrs. Edna Spencer. Delicate Orchid pink. Very large. \$1.25 each.

Rosa Superba. Lilac, very pretty color. Fine flower. 50c each.

Walter Deegan. Fiery orange red. 50c each.

**DECORATIVE DAHLIAS**

Bergh Van Heemstede. Clear yellow tinted pale pink. 50c each.

Carolyn Wintgen. Salmon pink, shaded rose. Large. \$1.15 each.

Fire King. Large dark Cardinal, beautiful color. 35c each.

General Foch. Large dazzling scarlet. 45c each.

Hort. Witte. Very large fine white. 50c each.

King of Commerce. Color tango with golden infusion. Extra fine cut flower. \$1.00 each.

Maryan. Massive brilliant apricot. \$1.25 each.

Masterpiece. Tango and Old Gold. Fine flower. 50c each.

Nancy Helen. Apricot Amber tinted salmon. Large. \$1.50 each.

Rose Gem. Cameo pink. Large and free. 75c each.

Special Offer—6 good Dahlia Bulbs for \$1.00.

**ROOTS AND CLUMPS OF HARDY PERENNIALS FOR SPRING PLANTING****REPUTATION PEONIES**

Peonies may be planted in the fall or spring but the fall has many advantages. Their requirements are few. Give them a good rich soil and a good open position and there will be blooms in abundance. They are perfectly hardy although a slight covering the first year will do no harm. Plant September and October or early spring.

Duchess of Nemours. Flowers of this splendid peony are cup-shaped. Crown type, sulphur white, with greenish reflex, fragrant, it is an early and free bloomer. 75c.

Edulis Superba. A very early variety, coming into bloom soon after Decoration Day. Color is a bright clear mauve pink with silvery reflex. Flowers are of large size and very fragrant. 75c.

Felix Crousse. This is one of the very best red peonies, being a rich shade of dark red. Flow-

ers are large, full and freely produced. A late variety. \$1.00.

Festiva Maxima. The most popular white peony in cultivation. The flowers are of immense size. Very double. The edges and center are dotted with carmine spots. Very free flowering and early. 75c.

M. Jules. Elie. The most beautiful of all peonies. The flowers are of immense size, very full and double. The color is a glistening lilac-pink shading to deeper rose at the base. The whole is overlaid with a sheen of silver. \$1.50.

Asa. Gray. Lilac, sprinkled with minute dots of deeper lilac. \$1.25.

Double White. 50c.	Select. 75c.
Double Pink. 50c.	Select. 75c.
Double Red. 50c.	Select. 75c.



## PHLOX

We know of nothing more desirable among the hardy plants than perennial Phlox. They may be used in hardy borders, groups on the lawn, or planted in front of shrubbery, where they furnish an abundance of flowers for a long time. Our collection is made up of the most distinct and striking colors and contains the best new sorts, as well as the cream of the old varieties. Assorted colors, 25c each.

### PHLOX SUBULATA—GRAVE PHLOX

Creeping plants with handsome, moss-like, evergreen foliage, completely covered with flowers in the early spring.

*Subulata alba*. Pure white flowers. 25c and 35c each.

*Subulata rosea*. Clear rose color. 25c and 35c each.

## RUDBECKIA

*R. laciniata*. (Golden Glow). We doubt if any perennial has been more popular than this, or more larger plants. It fills a very important place; producing an abundance of beautiful, golden yellow, double flowers during the hot summer months, when they are greatly appreciated. These are the favorite of the old-fashioned garden. Always popular. Fine for cut flowers. Attains a height of 6 to 8 feet in good soil. Foliage is deeply cut, handsome bright green; the showy yellow flowers which resemble the dahlia, are borne on long smooth stems, forming for the tall plant a solid head of bloom. 25 cents.

### AQUILEGIA—COLUMBINE

Bloom during June and July. They are extremely beautiful and should be a feature in every garden. 25c each.

*Physallis*. Chinese Lantern Plant. 35c each.

*Myosotis*. (Forget-Me-Not).

Victoria Blue. 35c each.

Victoria Pink. 35c each.

Alpestris Blue. 25c each.



*Hemerocallis Flava* Yellow Day Lilly



*Phlox Subulata*

*Canterbury Bells*. 25c each.

*Cerastium Tomentosum*. (Snow in Summer). 35c each.

*Linaria Macedonica*. Hardy Snapdragon. Yellow. 35c each.

## ANCHUSA

*Italica*. One of the best hardy perennials. Lovely gentian blue. Strong plants, 35c each.

### ANTHEMIS KELWAYI

A very hardy perennial, will bloom all summer. Much like the shasta daisy only yellow. Strong plants, 25c each.

### ARABIS ALPINA

A very hardy perennial. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow goes. Strong plants, 35c each.

### CAMPANULA—Canterbury Bells

Blooms during the month of June. Colors blue, white and pink. 25c each.

### CENTAUREA MONTANA

A perennial cornflower. Grows two feet high, bearing large violet blue flowers from July to September. Hardy perennial. Strong plants, 35c each.

### COREOPSIS

*Lanceolata Grandiflora*. Flowers are rich golden yellow, borne in great profusion nearly the entire summer. 25c each.

### DIANTHUS—Hardy Garden Pinks

Fine border plant, fragrant, and of spreading habit. 25c each.

### DIELYTRA

*Spectabilis*. (Bleeding Heart.) Rosy red, heart-shaped flowers in drooping racemes; early spring. 75c and \$1.00 each.

### DIGITALIS—Foxglove

Various shades of white to deep pink. 25c each.



**ENGLISH DELPHINIUMS**

(Perennial Larkspur)

Childhood. Pale blue with white eye. \$1.50 each.  
 Dusky Monarch. Light purple, two rows of petals, black center, semi double. \$1.50 each.

Kelways Masterpiece. Light reddish purple, reflexed petals. Light white petals. \$1.50 each.

Knight Grand Cross. Deep blue shading to purple and violet, white eye. \$1.50 each.

Lloyd George. Bright blue and violet, white eye. \$1.50 each.

Mrs. James Kelway. Pale sky blue, pink inner petals, large white eye. \$1.50 each.

Belladonna. Cambridge blue, white eye. 25c and 50c each.

Bellamost. Dark blue. 25c and 50c each.

Chinese Blue Butterfly. Clear blue, feathery foliage. 25c and 50c each.

**GAILLARDIA—Brown-Eyed Susan**

Biennial. Season, June to October. 25c each.

**GYPSOPHILA—Baby's Breath**

Season July. Small, white flowers. 25c and 35c each.

**HOLLYHOCKS**

Always a popular plant. Very handsome and showy. Various colors. 25c each.

**LUPINS**

Hardy perennial, shades of blue flowers, very early. Strong plants, 35c each.

**LILY-OF-THE-VALLEY**

Clumps, 25c and 35c each.

**PAPAVER NUDICAULE**

(Iceland Poppies)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. 25c each.

**PAPAVER ORIENTALE**

(Oriental Poppies)

These are the legal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring; nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. 25c each.

**IRIS GERMANICA**

The Iris Germanica are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. 25c each.

**PHYSOSTIGIA**

One of the most beautiful of the mid-summer flowering perennial, forming dense bushes 4 to 6 feet high, bearing spikes of tubular flowers not unlike a gigantic heather. Strong plants, 25c each.

**SWEET WILLIAM**

Very hardy, bearing a variety of beautiful colors. 25c each.

Pink Beauty. Strong plants, 50c each.

Scarlet Beauty. Strong plants, 50c each.

**SHASTA DAISY**

Very free blooming, and in flower all summer and fall. Strong plants, 25c each.

**SUNBEAM POPPY**

A new race perennial poppies much like the Iceland Poppy. Strong plants, 35c each.

How to Grow Flowers and Vegetables to Get Best Results---See pages 1 to 9

# Reputation Silver Gilt Medal Mixture

This mixture is a beautiful blend of the 75 varieties of Spencers which made up a display at the Exposition of the American Sweet Pea Society held at the Panama Pacific Exposition, San Francisco, and which was awarded the Silver Gilt Medal of the National Sweet Pea Society of Great Britain. It includes Fiery Cross, King White, Constance Hinton, Royal Purple, New Miriam Beaver, Edward Cowdy, and many other novelties. Pkt., 10c; oz., 35c.

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# INDEX

- Achillea .....12  
 Aconitum .....12  
 Acroclinium .....12  
 Adonis Aestivalis .....12  
 African Daisy .....14  
 African Golden Daisy.....24  
 Ageratum .....12  
 Agrostemma .....13  
 Agrostis .....12  
 Alkanet .....13  
 Alonsoa .....12  
 Aloysia .....13  
 Alum Root .....29  
 Alyssum .....13  
 Amaranthus .....13  
 Amethyst .....18  
 Ammobium .....14  
 Ampelopsis .....14  
 Anagallis Grandiflora .....14  
 Anchusa .....13, 61  
 Anemone .....14  
 Annual Mallow .....31  
 Anthemis .....14, 61  
 Antirrhinum .....17  
 Aquilegia .....14, 61  
 Arabis .....17, 61  
 Arctotis .....14  
 Argemone .....16  
 Armeria Formosa .....15  
 Asparagus .....46  
 Asperula Tinctoria .....15  
 Asters .....15, 16  
 Astilbe .....17  
 Aubretia .....17  
 Auricula .....18  
  
 Baby's Breath .....28, 62  
 Baby Eyes .....35  
 Baloon Vine .....18  
 Balsam .....18  
 Baptisia Australis .....15  
 Bartonia Aurea .....18  
 Basil, Sweet .....51  
 Basket of Gold .....13  
 Beans .....46, 47  
 Beard Tongue .....37  
 Beets .....47  
 Beet for Bedding .....18  
 Bellis Perennis .....17  
 Black-eyed Susan .....43  
 Blanket Flower .....27  
 Bleeding Heart .....61  
 Blue Lace Flower .....24  
 Bocconia .....18  
 Borage .....51  
 Borecole .....51  
 Boston Ivy .....14  
 Brachycome .....18  
 Browallia .....18  
 Brown-eyed Susan .....62  
 Brussels Sprouts .....48  
  
 Cabbage .....48  
 Cacalia .....19  
 Calandrinia Umbellata .....19  
 Calendula .....20  
 Calla Lily .....19  
 Calliopsis .....19  
 Campanula .....20, 61  
 Canary Bird Vine .....21  
 Candytuft .....19, 31  
 Canna .....21  
 Canterbury Bells .....20, 61  
 Cape Forget-me-not .....13  
 Caraway .....51  
 Cardinal Climber .....21  
 Carnation .....21  
 Carrots .....49  
 Castor Oil Bean .....41  
 Catananche Coerulea .....21  
 Catnip .....51  
 Cauliflower .....48  
 Celeriac .....49  
 Celery .....49  
 Celosia .....21  
 Centaurea .....22, 61  
 Cerastium Tomentosum .....21  
 Cheiranthus Albioni .....22  
 Chelone .....22  
 Cherry Pie .....29  
 Chervil .....49  
 Chicory .....49  
 Chinese Cabbage .....48  
 Chinese Lantern Plant .....37  
 Chinese Woolflower .....21  
 Chives .....50  
 Chrysanthemums .....22  
 Clarkia .....23  
  
 Cloud Grass .....12  
 Cobea .....23  
 Cockscorn .....21  
 Coix .....23  
 Coleus .....23  
 Collinsea Bicolor .....23  
 Columbine .....14, 61  
 Commelina Coelestis .....24  
 Cone Flower .....41  
 Convallaria .....32  
 Convolvulus .....24  
 Coreopsis .....24, 61  
 Cornflowers .....22  
 Corn Salad .....50  
 Corn, Sweet .....49  
 Cos .....51  
 Cosmidum Burridgeanum .....24  
 Cosmos .....23  
 Cress .....50  
 Cucumbers .....50  
 Cucumbers, Wild .....43  
 Cultural Directions—  
     Vegetables .....1-2  
     Flowers .....2-9  
 Cypress Vine .....24  
  
 Dahlia .....24, 60  
 Daisy, African Golden .....24  
 Daisy, Shasta .....22  
 Datura .....24  
 Delphinium .....25, 62  
 Dianthus .....25, 61  
 Dielscus .....26  
 Delytra .....61  
 Digitalis .....26, 61  
 Dill .....51  
 Dimorphotheca .....24  
 Dolichos .....26  
 Dracena .....19  
 Drummondii .....19  
 Dusty Miller .....22  
  
 Echinos .....26  
 Egg Plant .....50  
 Endive .....51  
 English Daisy .....17  
 Eryngium .....26  
 Eschscholtzia .....26  
 Eulalia .....26  
 Eupatorium .....26  
 Evening Primrose .....35  
 Everlasting Sweet Pea .....31  
  
 False Indigo .....15  
 Fennel Sweet .....51  
 Flame Flower .....43  
 Flame Nettle .....23  
 Flax .....32  
 Floss Flower .....12  
 Flower of Jove .....13  
 Flower Seeds .....9-45  
 Four O'clocks .....33  
 Foxglove .....26, 61  
  
 Gaillardia .....27, 62  
 Galega .....27  
 Geranium .....28  
 Geum .....27  
 Gilliflower .....32  
 Gladiolus .....27, 59, 60  
 Globe Amaranth .....29  
 Globe Flower .....43  
 Globe Thistle .....26  
 Goats Rue .....29  
 Godetia .....29  
 Golden Glow .....61  
 Gomphrena .....29  
 Gourds .....29  
 Gumbo .....53  
 Gypsophila .....28, 62  
  
 Helanium .....30  
 Helianthus .....29  
 Helichrysum .....29  
 Heliotrope .....29  
 Herbs .....51  
 Heuchera .....29  
 Hibiscus .....30  
 Hollyhocks .....30, 62  
 Honesty .....30  
 Hop .....30  
 Humulus .....30  
 Hunnemannia .....30  
 Hyacinth Bean .....26  
  
 Iberis .....31  
 Iceland Poppies .....40, 62  
 Ice Plant .....34  
  
 Indian Shot .....21  
 Inulla Glandulosa .....31  
 Grandiflora .....31  
 Ipomoea .....31  
 Iris .....31, 62  
  
 Jacobea .....31  
 Jacob's Ladder .....37  
 Japanese Hop .....30  
 Jerusalem Cross .....33  
 Job's Tears .....23  
 Joseph's Coat .....13  
  
 Kale .....51  
 Kohl Rabi .....51  
 Kochia .....31  
  
 Lady Slipper .....18  
 Lantana .....31  
 Larkspur .....25, 32, 62  
 Lavatera .....31  
 Lavender .....31, 51  
 Leek .....51  
 Lemon Verbena .....13  
 Leptosyne Stillmani .....32  
 Lettuce .....52  
 Lily-of-the-Valley .....32  
 Linaria .....32  
 Linum .....32  
 Lobelia .....32  
 Love in a Mist .....36  
 Love Lies Bleeding .....13  
 Lupinus .....33, 62  
 Lychnis .....33  
  
 Mallow .....31  
 Mangel Wurzel .....38  
 Marigold .....34  
 Marshmallow .....30  
 Marvel of Peru .....30  
 Matricaria .....33  
 Matthiola .....32  
 Meconopsis Integrifolia .....33  
 Mesembryanthemum .....34  
 Mexican Fire Bush .....31  
 Mexican Poppy .....16  
 Michaelmas Daisy .....15  
 Mignonette .....34  
 Mimulus .....33  
 Mirabilis .....33  
 Monkshood .....12  
 Monkey Flower .....33  
 Moonflower .....31  
 Morning Glory .....24  
 Moss Rose .....41  
 Mourning Bride .....41  
 Muskmelon .....52  
 Musk Plant .....33  
 Mustard .....52  
 Myosotis .....35  
  
 Nasturtiums .....35  
 Nemesia .....34  
 Nemophila .....35  
 Nicotiana .....36  
 Nigella .....36  
  
 Oenothera .....35  
 Okra .....53  
 Onions .....53  
 Oriental Poppy .....40, 62  
  
 Painted Tongue .....41  
 Pansies .....36, 44  
 Papaver .....62  
 Parsley .....54  
 Parsnips .....54  
 Peas .....54, 55  
 Peony Seed .....36  
 Pentstemon .....37  
 Peonies .....60  
 Peppers .....55  
 Perennial Candytuft .....31  
 Perennial Larkspur .....25  
 Perennials .....60  
 Petunias .....38  
 Phacelia .....37  
 Phlox .....37, 61  
 Phylis .....37  
 Physostegia .....38, 62  
 Pink Daisy .....40  
 Pinks .....25  
 Platycodon .....20  
 Plume Poppy .....18  
 Polemonium .....37  
 Polyanthus .....41  
 Polygonum .....38  
  
 Poppies .....39, 40, 62  
 Portulaca .....41  
 Pot Marigold .....20  
 Primrose .....41  
 Primrose, Evening .....35  
 Primrose, English .....38  
 Pumpkin .....56  
 Pyrethrum .....40  
  
 Radishes .....56  
 Rainbow Rock Cress .....17  
 Red Hot Poker .....43  
 Rodanthe .....40  
 Rhubard .....56  
 Ricinus .....41  
 Rock Cress .....17  
 Romneya .....41  
 Rosemary .....41  
 Rose of Heaven .....13  
 Rose Queen .....51  
 Roses .....42  
 Royal Sweet Sultans .....59  
 Rudbeckia .....41, 62  
 Rutabaga .....57  
  
 Sage .....51  
 Sage, Scarlet .....41  
 Salpiglossis .....41  
 Salsify .....57  
 Salvia .....41  
 Savory, Summer .....51  
 Scabiosa .....42  
 Scarlet Runner Bean .....42  
 Scarlet Sage .....41  
 Schizanthus .....43  
 Sea Holly .....26  
 Shasta Daisy .....62  
 Shellflower .....22  
 Sidalcea .....42  
 Silene Armeria .....42  
 Snapdragon .....17  
 Snow On The Mountains .....26  
 Snow in Summer .....26  
 Sorrel .....53  
 Spanish Beet .....47  
 Speaker .....22  
 Speedwell .....44  
 Spinach .....57  
 Squash .....57  
 Statice .....42  
 Stocks .....32, 43  
 Stokesia .....42  
 Strawflowers .....29  
 Sugar Beets .....48  
 Sun Flower .....29  
 Swan River Daisy .....18, 40  
 Sweet Marjoram .....51  
 Sweet Peas .....9-11  
 Sweet Pea, Everlasting .....31  
 Sweet Sultans .....22  
 Sweet William .....62  
 Swiss Chard .....47  
  
 Tagetes .....43  
 Tassel Flower .....19  
 Thunbergia .....43  
 Thyme .....51  
 Tobacco .....57  
 Tobacco Plant .....57  
 Tomato .....58  
 Trachelium .....58  
 Tree Poppy .....41  
 Tritoma .....43  
 Trollius Caucasicus .....43  
 Tropaeolum .....21  
 Tufted Pansies .....44  
 Turnips .....58  
  
 Vegetable Oyster .....57  
 Vegetable Seeds .....46-58  
 Verbascum Phonicium .....44  
 Verbenas .....44  
 Veronica .....44  
 Viola .....44  
 Violet .....43  
 Virginia Creeper .....14  
 Viscaria .....45  
  
 Wallflower .....44  
 Watermelon .....58  
 White Carpet .....13  
 Wild Cucumber .....43  
 Windflower .....14  
 Wormwood .....51  
  
 Xeranthemum .....43  
 Zinnias .....45





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